<213>   Glycine max

<223>   Clone ID: 700955991H1

<400>   1377

atttttatcca attgaaattt taaaaatgac tgggataaac ttaagaattc aattattgaa   60

attgaataag taaacaattt aattggattg gtcgaatggt atcaaaaaaa tggagtacta   120

actcccattt cttatttatt attgaattaa ccgatcaact tgctttgtta tcgaacattt   180

cttttttgatt tcaaaaattt tccggaaaaa atttgaatct atttttatat gcgaatcaat   240

cctactactt ct   252

<210>   1378
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700955992H1

<400>   1378

ctaatgaggt ctgatacgga taatcactgt ctgaaaaagg tgaagttgga ggttcaagat   60

gaaatccccc ctcttcacac tcacaagcga cccaaattgg aatctcccct taagtgtggt   120

gcaagcgatg aatccatttc aatcccacca gcttcataca atcccttgga tgagccaagc   180

cctttgggtt tgcgtctcag gaagagtccc tcccttttgg atttgattca gatgaggctc   240

tcgcaacaag a   251

<210>   1379
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700955994H1

<400>   1379

caacagctaa cgtgcaagtt ccaaggcaga gaaaacaata atggccacca cctcggagag   60

ggatatggag aacaagagtg atcaagaaga actgaagcat cttgggtttg tgaagattgc   120

ggcaattaaa gcctttgtgt gtgtgtcgaa tctctacgac ttcgcaaagc aaaactcggg   180

acctttgaga tctgctgttg gaaccgtgga agacactgta accaccgttc tgggtcccgt   240

```
<210>        1380
<211>        254
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700956008H1

<400>        1380

atttttctca gttctcgcta tcccgcaccc cccaaccccc gcgtatggct tcctctgcaa    60

cagacgataa cccaagatct gtaaaaagag tagctgttgt tggtgctggg gtaagtgggc   120

ttgctgcggc ttacaaattg aaatcacatg gtctggatgt cactgtattt gaagctgagg   180

gaagagctgg agggaggttg agaagtgttt ctcaggatgg tctaatttgg gatgagggag   240

ctaatacaat gact                                                      254


<210>        1381
<211>        253
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700956011H1

<400>        1381

tcttcttctc ttaaaagagc ctttgctttt tctttaggcc tttccgaatt aagtacttgt    60

ttcattttct ctcgaagcaa gaaaaatgtt catcgagagt ttcaaggttg agagtcctaa   120

cgtgaagtac acagagactg agattcagtc cgtgtacaac tatgaaacca ctgaacttgt   180

tcacgagaac aagaatggca cttatcagtg ggttgtcaag cccaaaactg tcaaatatga   240

atttaaaacc aac                                                       253


<210>        1382
<211>        158
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700956012H1

<400>        1382

aatttctgcc agcctcaaaa aagacttgct ctgcctctgc cactctctga gtaggactac    60
```
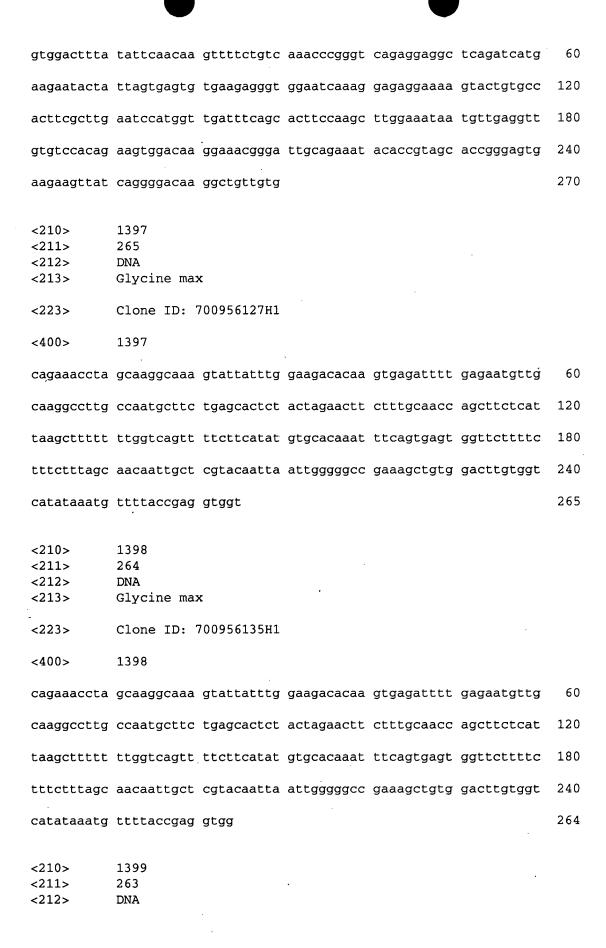
actgccatgg ctgcctcagt ctccactgtt ggagctgtca acggagctcc actgagcttg   120

aacagctctg gagctggagc ttcagttccc agttcagc   158

<210>   1383
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956018H1

<400>   1383

caaaatcaaa tcgaattgga ttggatacaa tacaatacaa ccctatataa gccttcaaaa   60

cctgcgctgc gtgctgtcgt ttcatttgct ttactcaccg aaagtaacgg agggatttcc   120

ttaacccaca aactctcaaa taccctctct ctctcaccga ccactatgtt gcagagacct   180

agacgccgct gcgagggcac tgccatgggc gccatcgttc tcgatctccg tcccggtctc   240

ggaattggac ccttctccc   259

<210>   1384
<211>   159
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956026H1

<400>   1384

tctcaactgc gcggtgagtg agtgagagac ggaaagtgca aagccaccgt cttctcttct   60

cagagcttgg ctttgcttat cgattctctc tcctctcatc tttctcattc aaggtttgta   120

aaagatggcc gatgctgagg atattcaacc ccttgtttg   159

<210>   1385
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956045H1

<400>   1385

gtttgaaaag aaagtctcca gagagtggag acaatttact cttcaacaga ttttctctgg   60

atgaccttaa tgaagatctc ttggagaggg tactttcatg gctaccaact tcctcatttt   120

```
ttcgcctcac ttcggtgtgc aagaggtgga aatcagctgc tgcttctgtg agtttcaagc    180

ttgcctgctc acacgttcct tcacgtgacc cttggttttt gatggttgct ccaaacctca    240

accaatctat tgt                                                       253


<210>      1386
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956048H1

<400>      1386

caactactaa agcgatcgaa gaagggaact aaaaaccaag ccagtgtctc actctcaccc     60

cagaaactca ttgttgtgtg gcacaacaaa cttcaccaat gatgaaagcc ctcacaagct    120

cttgttctaa ggccatggtc gagactctag gacccttctc tcccagagtt cccctttgtg    180

tttctgatag acccgaattc tgcttcaccc ttcgttccaa aaatgagaaa aagggatgga    240

atttattgct cctgaaactg g                                              261


<210>      1387
<211>      252
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956052H1

<400>      1387

cttcatctat tttttcttcg cccccttttg tgtttctttt ttaggttgtt tgttctttct     60

tctcgttcgt cgctttgtga tctctctctg caaccatgtc cgccgagaaa gagagagaga    120

cccaggttta cttggccaag cttgccgagc aggccgagag atacgaagaa atggttgagt    180

gtatgaagaa agtagcaaaa cttgatcttg atctaactgt ggaagaaagg aacctcctct    240

cagtgggata ca                                                        252


<210>      1388
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956058H1
```

<400>   1388

gttggtcaat ccagtactag tagtgttata ccatctgaac atttgttctg tgcatttgct   60

gctgccaact gcccccttga agataaatgt tctcgcattc atggaaatca gtgcttatac   120

tgtagaaaat tttgcttaca tcctactgat cgaaaggaaa aagaaaacca tttgagaact   180

tgtgagaaaa aggaaaaata ccttcaggct ttgaaagata gtcaagaagt agagtgcaat   240

gtttgtttgg   250

<210>   1389
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956059H1

<400>   1389

aaagaagaaa gaaacaaaga tataaggaaa aagggaaaat attttgaata aggaagatat   60

aaggcaatat ataaaaatat tagtatttga taataattag gtgtagaaat attatgggga   120

ggggaagagt ggaactcaaa aggatagaga acaagataaa caggcaggta acgtttgcaa   180

agaggagaaa tgggctctca agaaagccta tgagcttctg ttctctgtga tgctgaggtt   240

gccctca   247

<210>   1390
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956064H1

<400>   1390

atttaaccta gaaataaaga aaagaaaaac aaaagcaaaa cggcatgtcg tgtaatgtaa   60

tgaaacgaat gaaatgatag gtaggtggag gattgagaga gtgcggtgtt ggttcaccat   120

gaggaagttt ggtgcttgaa cttgaacccg aacattgcga ttcagacata gagaatggcc   180

atggcccgaa gagtccctcg ttatgtttta ggatcggtcc aaaggaacat gtccttcaaa   240

tctttggatc ccccttcctc c   261

<210>   1391

<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956066H1

<400>   1391

cagcagagtg tgctcgtaat gctttgttgg agaaggttgt ggacaataaa gcagattctg   60

agaaattcag gtcagactta ttgaacattg catgactact ttgagctcca agattctctc   120

acaggacaag gagcattttg caaaattagc tgtggatgct gtaatgagac taaagggaag   180

caccaattta gaatctatcc agattataaa gaaacctgga ggctcattaa tggattcatt   240

cttagatgaa ggattc   256

<210>   1392
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956068H1

<400>   1392

gaaacttgca gagcagcttc tagacttgct atgcgagaat ctgggcctgg agaaagggta   60

cctgaagaag gtgttctacg gatccaaggg tccaaatttt gggacaaaag tgagcaacta   120

ccctccttgt cccaccccctg atctgatcaa gggactaaga gctcacactg atgctggtgg   180

cataattcta ctcttccaag atgacaaggt gagtggcttg cagctcctca aggatgacca   240

gtggatcgat   250

<210>   1393
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956074H1

<400>   1393

gcaacctaca agggccaaca aattactggt gatacccctg tgccacccctt ttatcaaggc   60

caagaagaga gtaatctcat aacagcttct ttggtgggaa atgctttacc cgtggctccg   120

tctcttggct atgaacttgg tcgtgatcaa attgttggaa gactagtctt gaatctcaaa   180

gccaatggaa agcttcgttg gaaagtggga acatgggtct ctggacgtta caggttcaat 240

gttaattgtg   250

<210>   1394
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956080H1

<400>   1394

gcggaatcgg agtctccaag atcctcatca tagcaggagc aggttacacc ggcaccgtcc   60

tcatcaaaaa cggaaaactc tcggatttaa tcggcgagct tcagttgctg gtgaagggat 120

tggaaaaatc tggggagcat gctgaaggtg aaggtgaata tgctgatgcc atagctgctc 180

aggtgcgtcg cctggcgaat gaagttcggc agctagcatc aaacaggcca atcacagtac 240

tgaatggggg ttctgaac   258

<210>   1395
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956093H1

<400>   1395

gttctgttgc aaatgacaat catctccctg ctagtggatg tattgggtca gcatccacat   60

catgtctatc aggatcagtg ccttctctgg gcacagtaaa tcctactggt ccaaatgatc 120

aagctgttaa tgatgatatt ttaccaatgc ttcatatttt taatgatgac aaatggtttg 180

aggagattta taatcctggt caggaaaata ttgttgaagg tgcaccacct tcagatgatt 240

tttttgcggg   250

<210>   1396
<211>   270
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956108H1

<400>   1396

507

gtggacttta tattcaacaa gttttctgtc aaacccgggt cagaggaggc tcagatcatg   60

aagaatacta ttagtgagtg tgaagagggt ggaatcaaag gagaggaaaa gtactgtgcc   120

acttcgcttg aatccatggt tgatttcagc acttccaagc ttggaaataa tgttgaggtt   180

gtgtccacag aagtggacaa ggaaacggga ttgcagaaat acaccgtagc accgggagtg   240

aagaagttat caggggacaa ggctgttgtg   270

<210>   1397
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956127H1

<400>   1397

cagaaaccta gcaaggcaaa gtattatttg gaagacacaa gtgagatttt gagaatgttg   60

caaggccttg ccaatgcttc tgagcactct actagaactt ctttgcaacc agcttctcat   120

taagcttttt ttggtcagtt ttcttcatat gtgcacaaat ttcagtgagt ggttcttttc   180

tttctttagc aacaattgct cgtacaatta attggggggcc gaaagctgtg gacttgtggt   240

catataaatg ttttaccgag gtggt   265

<210>   1398
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956135H1

<400>   1398

cagaaaccta gcaaggcaaa gtattatttg gaagacacaa gtgagatttt gagaatgttg   60

caaggccttg ccaatgcttc tgagcactct actagaactt ctttgcaacc agcttctcat   120

taagcttttt ttggtcagtt ttcttcatat gtgcacaaat ttcagtgagt ggttcttttc   180

tttctttagc aacaattgct cgtacaatta attggggggcc gaaagctgtg gacttgtggt   240

catataaatg ttttaccgag gtgg   264

<210>   1399
<211>   263
<212>   DNA

508

<213>   Glycine max

<223>   Clone ID: 700956143H1

<400>   1399

tgccaataat atatgagcgt ggattattcg gtatttatca tgattggtgt gaatcattga   60

atacttaccc tagatcatat gatcttctgc atgccgactc tatattctca acacttaagg   120

aaaagtgcaa catactggca gtgattgcag aagttgatag gatcctgaga ccagaaggat   180

atttggtcat aagagacaat gttgaaacta ttggcgagat agagagcatg gctaaatctc   240

tacactggga tattcagttg aca   263

<210>   1400
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956151H1

<400>   1400

ttgtgttgtg tccctctttt aagctatttc cttctcttaa cacaattggt tgtgccaatt   60

gccatagtca ccaaccaatt aacaaaggta tatatatcat catatcatca ccaaatgaaa   120

aatattgggt tgttttttct tgtggtggtg ctacttttg tggtggcagc cacagctggt   180

agcttttacc aagactttga ataacgtgg ggtggtgagc gtgccaaaat ctatgagaat   240

ggaaaccttc tcacactctc cc   262

<210>   1401
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956152H1

<400>   1401

gtccatatgg aaaacacttg gtgggaaaag aagggatttt actgattcag attggttaga   60

atctgcgttt ctcttctacg atgagaacaa gaaccttgtg cgtgtgaagg tcaaggattc   120

tcttgacact agaaaactag ggtatgttta ccaagatgtt gacattccat ggttaaattc   180

taagcccacg ccgcgtaggt caagggttca gaaggtagca ttagcacaaa attttggtgt   240

tggtgcagca catgctgctg ag   262

<210>   1402
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956161H1

<400>   1402

ctaaacactc aactgatact cgggttgagg atcttgttag caggatgact cttgaggaga   60

aaattggcca aatgttgcag gttgagcgca agtatgtatc tgctgattta cttaagaagt   120

attttattgg ggctgtattg agtgagggag ggagtattcc agctccacag gcttctgctg   180

aaacctggat tgacatggtg aatgaatttc agaagggtgc cttatcaacc cggctcggaa   240

ttccaatgtt ttatggga   258

<210>   1403
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956166H1

<400>   1403

gtcgaaaagt tcctctctct ctcacacaca cacatcccag ccatgagcct cttcggtata   60

ggcagaaacc agagaacatt ccgcccgaaa aaaagtactc cttctggaag taagggagct   120

caacttcgaa aacatattga tgccacgtta ggtagtggaa atctgaggga agcagtaaag   180

ctacctcctg gggaggattt aaatgagtgg ctagctgtca acactgttga tttcttcaat   240

caggtgaatc tgctttatgg t   261

<210>   1404
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956176H1

<400>   1404

aagcagcgtt gcaacgctgt ttcctttctg tttcttttct tcttccttcc gacgagatct   60

acaacgttgt tgttgtttag atcttgaata gtgttttggt gttcggtgag atggaagaaa 120

ggaagcaatc acgttatgtg aagttgacta aagatcagac acctctcgaa gacattaccc 180

ctggcgaact caaccagcca attcaggttc ctcagttgga cgttcgcaag tgccctgaat 240

gtagacagcc gctacctg   258

<210>   1405
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956179H1

<400>   1405

gtcgacattg aggatgattg ttttgttaaa ttttggggga ttttgcacaa ttgtcctctt 60

aacccaccta ctagcaaaag gagaagaagc ccgtgtcaag cttctaggat ggatttgcgt 120

agtctttgcc actagtgttt ttgcagcacc tttaagcatt attagggtgg taattcggac 180

gaaaagcgta gagttccttc ctttccctct ttcacttctc cttctgataa gcgcaattat 240

gtggctctta tacggt   256

<210>   1406
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956227H1

<400>   1406

gagttttatg gaaaggtcaa caccaaacat gcagtacaaa gcttggcgtc acgatcctga 60

gacaggtcct actgtttact gtagtagaac tgtcttcgat gatgcaactc cagagttggt 120

gagggatttc ttctgggatg atgactttcg tcctaaatgg gatgctatgc ttgcatactg 180

caaagtattg gaggaatgcc ctcgtaatgg gacaatgatt tctcactgga ttaaaaagtt 240

cccctttttt tg   252

<210>   1407
<211>   251
<212>   DNA
<213>   Glycine max

511

<223>   Clone ID: 700956229H1

<400>   1407

gttgtccgtg ctcttcgagc tgcctacaac aaccctgaga gagctgttga atatttgtat   60

acaggtatcc ctgagcaagc tgaagctcca cttgtagccc gggcgcctgt aagtgctcaa   120

cctacaaatc ctcctgctga tgctccacaa acagcacaac ctgctgcagt tacctcagct   180

ggacctaacg ctaatccttt agactttttt ccccagggtc tccctaatgt gggttctggt   240

gctgctggtg c   251

<210>   1408
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956235H1

<400>   1408

gttcccgaac atttatacat ccatggcaaa tccaaaccaa tttcctggag tgctcttagc   60

atgttttggt atttgtacct tattgtatgc tggggctgct gtaatgggat acacaatgtt   120

tggagaagct atactgtctc agttcactct caacatgcct aaagaattgg tagccacaaa   180

tattgctgtc tggactacgg tggttaatcc atttaccaag tatgcattga ctatatctcc   240

agtggcaatg   250

<210>   1409
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956276H1

<400>   1409

gattgtgcag tggtgtactg cacatggagt tcctcttgag ccaccagagg tcacggatgc   60

gatgggtgaa gctttcccat cggcctgtcc ctccaaagct gcccttgaag ccaacagagc   120

cacagcaaca cttctcattc aacagctcgc tggtgggtct caagctggga agactgtggc   180

tgctagggag attcggttgc tcgcaaaaac tggaaaggaa aatcgtgcct tcattgcaga   240

agctgg   246

512

<210>   1410
<211>   240
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956305H1

<400>   1410

cctcgcctag ctagctccag aaaattagga tctgcttcan atctagtgtt tccctgtccc   60

aaatcacgag tccattgagt ttgattttgt ggatgaaaag catagatagg gcttttgcaa   120

aactctccaa tgtttcttga aattatatga ccatgcgtcg aattcgtatg ctgcactcct   180

tctccgtcgt gttcctctac tggttctacg ttttctcatg aactccctct taaatccgtg   240

<210>   1411
<211>   238
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956307H1

<400>   1411

acagccaaca catgtatggt agggagttcc aatcgatgtt ggacggactc gacgaggaag   60

ggtgtgttga agaaccgggg tatcaatctg agaagaagcg tcgtctaagt gtggatcaag   120

tgaaggcttt ggagaagaac tttgaggttg aaaacaagct tgaacctgag aggaaggtga   180

agcttgccca agaacttggg ttncaaccta gacaggtagc cgtatggttc caaaaccg   238

<210>   1412
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956312H1

<400>   1412

caaagggaca ccggagtatg tgcggtcgtg ttgtgaagca agcttgaaac gccttgatgt   60

tgaatacatt gatctctatt atcagcacag gattgaccaa acagtaccta tagaggaaac   120

agtgggtgaa cttaagaaac ttgtggaaga gggtaaagtg aagtatatag ggttatctga   180

agcgagtcca gatacaataa gaagagcaca tgcagttcat cccatcactg cttta   235

tatcattaac caataaccaa taaatacatt aatcaccatg gggaagtact ttgctgttgt   60

tgctctcttt gtctcagctt tgtgcttctc ctctatcttg gctcgtaaga cacctgccct   120

tgataaattc ttcgttgagg gcaagattta ctgtgaccct tgccacttcg catttgagtc   180

caggctcagt ttccccttgg aaggtgttaa ggtaagcctg caatgtctga ggag   234

atttctatct atctcttgtt tcaatttcaa caacggttac tccttttcg ttttgagttt   60

caatcaagcc atcatcatgt ctaccgcatc gcaacccaag gccaagaaaa cggcgtcgtc   120

caagaagccc ctctcccacc ctcccttcgc cgtgatgata gcagaggcga ttgcgagtct   180

gaaagagaga accggttcga gccaatacgc gataaccaaa tacatcgaag ggaag   235

cgatttcatc gtgttgatga tagggtcgct ctttctgttc aaagctttcg attttacttt   60

ctgtgtctcc ttcttctgct tcttttgatt cccccaaatc ttcagtttta aaaccctaa   120

tctgctgcca tgaggaagaa gctcgatacc cgtttccctg ctgctcggat aaagaagata   180

atgcaggcag atgaggatgt tggaaagata gcactggctg tgcctgtttt agt   233

<210>   1416
<211>   231
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956359H1

<400>   1416

ctgttttcca gttgaagtct ttccctagcc aatggccact gatcgtttga cccgggttca   60

cagtctccgt gagaggcttg atgaaaccct cactgccaac aggaacgaaa ttttggccct   120

tctgtcaagg atcgaagcta agggcaaggg gatcctgcaa caccaccagg tcattgctga   180

gtttgaggaa atccctgagg agaacaggca gaagcttact gatggtgcct t   231

<210>   1417
<211>   231
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956373H1

<400>   1417

ggtcgattga cataacaccc gaatccaagt gaaacgaaaa acactcatca tcatggattc   60

agttgcatta aatggcaaaa gcaatgataa gcctcttcac gttgccatgc tcccatggct   120

ggccatgggt cacatatacc cttacttcga agtcgccaag attcttgctc aaaagggtca   180

ctttgttacc ttcataaaca gccccaaaaa cattgaccgc atgcccaaaa c   231

<210>   1418
<211>   230
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956375H1

<400>   1418

atctccattt ccatttcctc tctctcagtt tccaagaatc ttaagctatg ggaaagtctt   60

acccaaccgt gagcgctgat taccagaagg ccgttgagaa ggcgaagaag aagctcagag   120

gcttcatcgc tgagaagaga tgcgctcctc taatgctccg tttggcatgg cactctgctg   180

```
gaacttacga cgtgagctcg aagaccggtg gtcccttcgg aaccataaag        230


      <210>     1419
      <211>     233
      <212>     DNA
      <213>     Glycine max

      <223>     Clone ID: 700956378H1

      <400>     1419

cgtggctgtt catgattcaa aacctggagc cactgagggt ctggtgattg tgtctggagc   60

accagatcaa actcacgctg ctcaatgcct aattcaaggt ttcattttgt gtgggcagac  120

tgtagcttga gactgcaaga acaagaggca atctaaaaat taaaatccac gcagcaaatc  180

ttgtaataga tattccattc gtgatggatt aaggatttat gtcaaggttg tcg         233


      <210>     1420
      <211>     255
      <212>     DNA
      <213>     Glycine max

      <223>     Clone ID: 700956406H1

      <400>     1420

ctcttggcat gggggggaatc ccctgggtta taatgtctga gatatttccc attaatgtga   60

agggctctgc tggaagtctt gtgactttgg ttagctggtt gtgttcttgg attgtatcat  120

atgcttttaa cttcctcatg agttggagtt ccgcgggaac ctttttcata ttctctagca  180

tatgtggctt caccattcta ttcgtggcaa aactagtacc agagacgaag gggcgaactc  240

tagaagaagt tcaag                                                    255


      <210>     1421
      <211>     253
      <212>     DNA
      <213>     Glycine max

      <223>     Clone ID: 700956426H1

      <400>     1421

ctcccaagtg tgctcaccac aacaatcatc atgaaggttt catgaatttc attcacaggg   60

atgaggaggt taattacttc ccttcaaggt atgatcctgt tcgtcatgca gaaacgttcc  120


                              516
```

ccatacctcc tgctatctgc agtggaaggc gtgaaaagtg tggaattgag aaggagaaca   180

actttaagca gcccggagag agataccgat cttgggcacc tgacaggcaa gatagattta   240

atcgccgatg ggt   253

<210>   1422
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956461H1

<400>   1422

caaggactaa aaaccaccaa tcaaaaacca tgaatgctaa gagagaaaag ggagagtgct   60

ttgaaaatgg gaaagtttag ttcaagttac agtacttctg attttgttca ctttggagtt   120

ctacttccct ttcttctgtt atcacagttg ttctttcaac ttgcatggtg tggctccata   180

gtaaagttcc ttcctggatt agagggaccc cttccttttg ttcttgaatc cgggtatgtg   240

ggagtgggtg a   251

<210>   1423
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956476H1

<400>   1423

gagagataga gagatagagg agaagatgaa cggtggtgaa tcttacggtg ctattgagac   60

acaatacata aggaggcatc acaaacatga accaagggaa aaccagtgca cctctgcact   120

tgttaaacac ataagagctc ctgttcacct tgtgtggtca ctggtgagaa gatttgatca   180

acctcagaaa tataaaccat ttgttagcag gtgtatcatg caaggggatc ttggcatcgg   240

aagtgttcga   250

<210>   1424
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956479H1

<400>   1424

gttccagttt ccaaagaacc agcaggagaa aataccaaga tggaaactga tgaagctcct   60

gccaatgttg ctgcacctcc tagcaccaat gacaatgatg ttaacatgca agatgctaat   120

tccaaggcaa ctgctgatgc ccctgggtcc gaaaatggga cccctgaggc aggagataag   180

cctgtgcaaa tggatactga taccaaggtt gaggctccaa agaaaaaagt taagaaaata   240

aacattcctg tggt   254

<210>   1425
<211>   200
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956487H1

<400>   1425

ctctctctca aaacaagtta tggtagtatt tgtcattcat ttcacaaaac cggttcacnt   60

ttggacccnn ggcttctaaa acccctacct tattccactc tcgtttcttc caccttcggc   120

ttctattgct gggactggga atttctcacc gctctcctcc tctttagttc ttcttcctaa   180

ttaattaaat tacatacacc   200

<210>   1426
<211>   302
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956492H1

<400>   1426

aaattttgtg agtgtggaca tactctgagc gtgaganaga gaaggggaag aaagagagag   60

agtgatggga aggggaagag tggagttgaa gagaattgag aacaagatca acaggcaagt   120

gcacctttgc aaaacgacag gcaaacgggg ctttcngaag aaagcttatg nagactantn   180

ccgtatgctt ntgtggattg accgaaggtn tagactacta catncatact ttacttccca   240

aatnaggang gnannaggcc agttgancgn agnttntttg gccagacggg ttttccaaag   300

nc   302

<210> 1427
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700956557H1

<400> 1427

tcgagctctg cgagatcttc attcgccgat tttaaaagat gagtaagctt ctgagtgatg   60

ctttgcgtga agccatttca ggaatcatgg ccgattccaa ggagaagaat cgcaaatttg   120

tggagaccat cgaactccaa atcgggttga aaaactacga tccacagaag acaagcgtt   180

tcagtggctc tgtcaagctg ccccacatcc ctcgccccaa gatgaaaatt tgcatgcttg   240

gtgatgctca gcatgtt   257

<210> 1428
<211> 84
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700956561H1

<400> 1428

gggttcgggg tnanagtgca ncctctaagg caangacnac cagtacgcac gggtggcgac   60

antggattca cacggcaagg caag   84

<210> 1429
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700956604H1

<400> 1429

tggccacctc tgctattcag caatcagcat tcgcaggtca aactgctctg aagcagctca   60

atgagttggt ccgcaagacc ggtggcgccg gcaaaggtcg caccaacatg cgccgtaccg   120

tcaagagtgc tcctcagagc atttggtatg ccctgatcg tcccaagtac ctgggtccat   180

tctcagagca gattccgtca tacctgaccg gagaattccc cggtgactac ggatgggaca   240

ctgctggact atcagctgac ccggaaacct tcg   273

519

<210> 1430
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700956620H1

<400> 1430

caaccctcgt tgttccgtgt tcaggtgaaa cgacaccgtt ttacccttcc tcttctcggc   60

acagcatcta gcaggttgta gaaaatatgg ccaagcatca tcctgatttg attatgtgcc   120

ggaagcagcc agggattgcc attggacgac tgtgcgagaa atgtgacggc aagtgtgtga   180

tctgtgactc ttatgtgcgt ccttgtacgc ttgtccgagt ttgtgatgaa tgcaactatg   240

gatcatttca gggtcgatgt gtcatatgcg   270

<210> 1431
<211> 267
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700956625H1

<400> 1431

ctgcttttgt ctcctgcctc ccacatttca ccaccccctt tatccntatc tcctnctctt   60

cattgttctg ctcttcccct taacaaacaa taactctatt taaagcacac acaaagggat   120

catatatctt ggttgcacct tggtaaggtg agaaaatatg gcatttgcag gaacaactca   180

gaagtgcatg gcttgtgaca aaacagttta tctggttgat aagtcgaccg cagataaccg   240

agtgtaccat aaggcttgct tcagatg   267

<210> 1432
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700956643H1

<400> 1432

ggcctcccca tactcttcat tcttcactct tcactcttca ctcccaaccc tagccaaacg   60

```
caaaccattc attcattcag ttcagtaact cacctcacca tggccgcatc cattacattg      120

tccaggctcg tctcttccac cctcaccact gcctctttct tcccacccat aaccctgcct      180

tccaaactct cctctctccg actccccacc cgccgccacc ccaagccact cagattctcc      240

tcctccacca tcaccgccac c                                                261


<210>       1433
<211>       271
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700956649H1

<400>       1433

ggcttgctgc aggtgcagcc ttgcttgcac tcttggctat caccttctcc ttgttgagcc       60

ctcaaaccct gttttctccg cctgagattc cgggctcgaa ggaccacctt cacgctgctc      120

ggttactcca tgtcaccgga gccgtcgggc cggagagtct tgtcttcgac gctgacggcg      180

gagggcccta caccggcgtc gccgatggcc ggattctcaa gtgggaaggg gaagagcgag      240

gttggactga atttgctgtc accagttcca a                                     271


<210>       1434
<211>       258
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700956658H1

<400>       1434

caacttcaac ctcaccaaag gaactaagaa tttcattgag gctagagaaa gtggtgatca       60

atatgtcaaa gaatccaaaa gttttctttg atattctaat tggaaagatg aaagctggac      120

gagtagtgat ggagttgttt gccgatgcaa ccccaaaaac agctgaaaac ttcagggctc      180

tctgcactgg ggaaaagggg attggacgat ctgggaaacc tttacactac aaaggttctg      240

tatttcatcg tattattc                                                    258


<210>       1435
<211>       258
<212>       DNA
<213>       Glycine max
```

<223>   Clone ID: 700956688H1

<400>   1435

ctcgtgcctc tagggttatc atatctccat ttccatttcc tctctctcag tttccaagaa   60

tcttaagcta tgggaaagtc ttacccaacc gtgagcgctg attaccagaa ggccgttgag   120

aaggcgaaga agaagctcag aggcttcatc gctgagaaga gatgcgctcc tctaatgctc   180

cgtttggcat ggcactctgc tggaacttac gacgtgagct cgaagaccgg tggtcccttc   240

ggaaccataa agcacccc   258

<210>   1436
<211>   251
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956693H1

<400>   1436

tttttgcaaa atcagttact atttagggtc cgacttactg agatcagatt ctcttgttgg   60

tgacatgatg ctgaaacaac tgtngcatca ccaggatgcc attctatgct gttcactgaa   120

gtcattgcca gtgttcatat ttgcaaatca agctggcctt gacatgttgg aaacaaccct   180

agttgcctta caagatatca cattggataa aatatttgat gaggctggac gcaaggcatt   240

gtgtacagac t   251

<210>   1437
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956710H1

<400>   1437

aggaaatcca agttgggatg ggaccagcag gtgagttgcg ttacccttcg tacccagagc   60

aaaatgggac atggaaattc ccaggaattg gtgctttcca atgctatgac aagtatatgt   120

tgagtagctt aaaagctgct gctgaagctc acggtaagcc tgaatgggga agcacaggcc   180

ctactgatgc tggccactat aacaactggc cagaagacac tcaatttttc cgcaaagaag   240

gtggtggatg gga   253

<210>   1438
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956713H1

<400>   1438

atcttttatc tgaattgtca aatgcagcag caaaagctac tagtggagaa acaattgtga   60

cgtctttgcc acaatctatt atgggtcgaa atgctaaaga ttctttggag aaggatgctt   120

tagtgaggca gatgggtgtg aatccctcga gtcagaatcc taacttgttc agtgacttgc   180

ttggctaatc ttttttctaa gccaattcta gatcatgatg cttgaagata gattgcctag   240

cgactttgct gctt   254

<210>   1439
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956716H1

<400>   1439

cacacacaga ggtattttca cttctctcgc tttcattttg cgatgcgtcg attaaaaatt   60

gaacaacctt cactgactcg ttcagcgttg ggttattgac tttgatggtt ccaaattgtg   120

ttctgtttag agacaacacc gctaaccaaa cgtctttctc tcaacttcaa cgtctttgct   180

atttaaattt aaatcactgc acaacctatt gcagtgtacc tcattcttcg tttggttttg   240

gtttcaattt gcgtcgcaca a   261

<210>   1440
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956722H1

<400>   1440

ggaacaagtg acaaaccttt gcatcaatgc actattttca taccgtaaat tttgtgctac   60

tgtatcctca tctggacaac ttattcttcc ggaggcatta aagcttttgc ccctgtacac   120

acttgcatta actaagagta cagggttgcg aacagaagga aagatagatg aacggtcatt   180

ttggataaac tatgtatcct ctatctctgc tccattagca ataccacttg tgtatcctag   240

gatgatggc   249

<210>   1441
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956748H1

<400>   1441

ttgcaaccta gcaatggagg cgattaggaa gagtaggatt cttatatttg gaggaactgg   60

ttacataggg aagtatatgg tgaaggcaag cgtcacgtta ggccatccaa cttttgtcta   120

cactcgccct cttgatgcac aaactccttc ctctaaggca cagctttgca aggagttcaa   180

ctctatgggg gtcacacttg tccatggaga acttgagcat gaccagattc tggcagtgat   240

taaacaagta gacatt   256

<210>   1442
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956753H1

<400>   1442

aaaatggcca aatcaatcaa attctttgag ttgaacacag gggccaagat tccttctctt   60

gggttaggga cttggcaagc tgaacctggt gttgtagctg aagctctcac cacagccatt   120

caggttggat acaggcatat tgactgtgct agtgcgtata agaatcaagc agagattggt   180

tctgctctta agaagctttt tgatgatggt gtggtgaagc gtgaggactt atggatcact   240

tcca   244

<210>   1443
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956754H1

<400>   1443

ggcttatttt gccttcttgg aggttttgtt caacagccac atcactttg tattaaactt   60

ggacacaaac acctttatgc atatggttgg ctcccttgaa tctggactta aagggttgga   120

tacaagtatc tcatcacagt gtgcatctgc tgttgataat ttggctgctt tctatttcaa   180

caatatcact atgggagagg ctccaaattt acctgcatct gtcaatcttg ctcgacatat   240

tgcag   245

<210>   1444
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956757H1

<400>   1444

cacaactcca ctcttagctg ccattggttt ttcttcttcc atttctcttc ctttctaagc   60

ttttttcgat tacccatttg gagattctgt cctaatggct cttgctcctt ccaaagtttc   120

ctcctttttcc gggttttctc ccaaacccag tgttggggat gctctgaaaa acccaacttg   180

ctctgtttct ctgagctttg cgaatgtgaa acttggaagc agaaacctta gggtttgtgc   240

ctcaactg   248

<210>   1445
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956769H1

<400>   1445

ctgccattat tttacttgat tgtttctcat actggcagac attgcttatg cgccagtttc   60

aaagtcaact atattatata attaagttat gcttgtggct caatcatcac atgtatctga   120

ctgataatta ctcaatacta gtagaaattt tacatttggt tgtgttaaaa atgctccatt   180

ggaattacaa aatgtagaag gtattgtcct ggctctgagc atgatctcaa tctaattctc   240

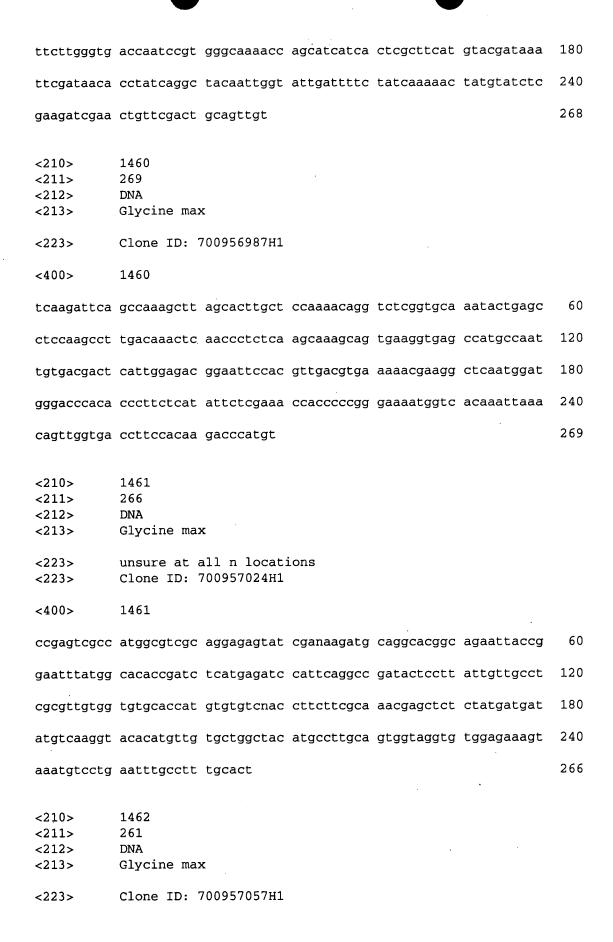actgcgggtt ttac   254

<210>   1446
<211>   121
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956779H1

<400>   1446

ctgcaattca ctctgtacaa ttcttcgttc gttctctgca gttatatcct ttttgagctt   60

caatggcgga cgctgaaacc ttcgctttcc aggctgagat caaccagctt ctaagtctca   120

t   121

<210>   1447
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956789H1

<400>   1447

ggagtacgct cacctatccc ctggctagat gccccactat tttcagatgg gcagccaagg   60

cctgtaagta gcacaaccat cacttcttcg atatcaggtg gcaacaacac tgcctcaagg   120

aacccaactt tccgccctaa ttctcagttt atgggcttgc accacccaag accaatgcct   180

gccatgggag ccacccatag cttcataaat aggatgtacc caagcaaact atatggtcaa   240

tatg   244

<210>   1448
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956790H1

<400>   1448

ggaaaggata aacgaaggaa gttgggccaa tgaaaatggt ttggcacttt cctacctaaa   60

gagagagatg ggtggggacg tatcgtatgg ccttatgagg agctacctca cctcacacac   120

caatagcata tgaagagaga gaagaagtga agataagcac agagagtgtc atctactcac   180

ctctactacc ataaaaaaag aaaaacaaaa agccttcaga gtcgactatt catcctttct   240

tat   243

<210> 1449
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700956819H1

<400> 1449

tacaaattct ctgtgttgtg ttgtgtactt gtgttaattg tgttgttgtt gtaggaaatt   60

taagtgaaga gagaatgatg atgaagtctg ctatgtgtgc attggtgctt gtggcactgg   120

ttgtggttga agtggggccc atggctgagg ctgcggtgac ttgcaaccca acacagttga   180

ctccttgtct tccggcaatt aattcaggtt ctgcaccttc gagtgcttgt tgccagaagc   240

tgaaggagca aaagccatgc tt   262

<210> 1450
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700956827H1

<400> 1450

ctacaatcag aaccagccaa gtgagtgggc tttagtactc tggaaccaga tgcttaaacc   60

tgaagtaatg gaggagtttg tggctgaatt tgtggcagtt ttacctcttc agccttcaat   120

gctgtttgat ttagctagat tctatagagc tgaagttgct gccagagggg accaatccca   180

tttttctgtc tggctcacag ggggaggatt gccagctgaa tgggctaaat atttagggag   240

atcattcagg tgcttactg   259

<210> 1451
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700956843H1

<400> 1451

caaaaaaaga aagtaaaaaa gaaaacccta gaggagaaga agccaaaaaa aagaagccaa   60

aaaaaaggct ccaaagatgg gtttcaaaag ctcttctctt ctatgcctag ctcttttgct   120

527

tgcatgctct tcggctattc atgcctttga catcacacaa ctgctaggcc aatatccaga   180

gttttccaca ttcaacaaat acctaacgga aaccaagctc gcagacgaaa tcaacagccg   240

caacaccatc actgtcctcg   260

<210>   1452
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956845H1

<400>   1452

cgctcgcctt gcttcgccac acaacagcaa ctgcagcaat ggctcccaaa cgaggtggaa   60

aggctccggc tcttgccgct aagaagaagc ctgagaaggt ttcgaatccg ttgttcgaga   120

agcgtccaaa gcagttcgga atcggagggg cgttgcctcc gaagagagac ttgactcggt   180

tcgtgaagtg gccaaagaat gttcaaattc agaggaagaa gaggattctg aagcagaggt   240

tgaaggttcc tccagctttg   260

<210>   1453
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956847H1

<400>   1453

aaaagacaat atagggtgtg gagcaattac gtttgatcac aagggaaaag gtgcaacggt   ·60

ttgcaagata gcatagaaga ttttgaagaa tcttaattgc aacatagtag tgcagttgca   120

atgggggctc ctttatcagc atggccttgg ataactttg gaacatacaa gtatctatta   180

tatggaccgt ttgtggggaa agtcctttat gaatggttct atggtgaaga gcagtcctac   240

tacaacctca gctggtgcct t   261

<210>   1454
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956853H1

<400>   1454

attaaagcag ctgcacgcag tgatacagag gtagtttctg aaaccacaaa ggctggtggc   60

ctacgtggaa aattgaataa ggtggtgttg gcttacagtg gtggcttaga cacatcagtc   120

attgttccat ggctgagaga gaattatggt tgtgaagttg tttgcttcac tgctgatgtt   180

ggccaaggta taaaggaatt ggaaggttta gaacagaaag ccaaagccag tggagcctgt   240

caattagtgg taaaa   255

<210>   1455
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956885H1

<400>   1455

tggaaagcaa gtctatctgt taccacagtg ttatgcagag aaacaagctc ttggagaagt   60

ggatgctgag cttcttgaca cccaagtgaa tcctgctgtg tgggaaatta gtgggcacat   120

ggttctaaag aggaagaagg attatgatga ggcatctgaa ggcaatgctt ggaggcttct   180

tgcagaggtg tccctctctc aagagaggtt tcaagaagtc aatgatctta tttttgaagc   240

cattggctgt gg   252

<210>   1456
<211>   270
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956967H1

<400>   1456

gctgctgagg agttcaagtc agggtggctt tatgatgtct cagacttctc tgctcttcca   60

ggaaggggca tccagtgctt tatagacggg aggcgtattt tggttggtaa ccggaagctg   120

ctggaggaaa atggcataaa tatttctaca gaagtggaaa gttttgttgt agagattgaa   180

gaaagtgcaa agacagggat actagtagca tatgatgata tattaattgg agtcttaggg   240

attgcagacc cactaaagag agaagctgct   270

<210>   1457
<211>   267
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956972H1

<400>   1457

gtgcatattg ttgggatgtg gaaactggta aagtganaat ggtattcaag gggcacatgg   60

actatttgca ttgtatagtt gctcgcaact catcaaatca gatcataaca ggttcggagg   120

atgggacaac acgaatttgg gattgcnaaa gtggaaagtg tacgcaagtn attgatccag   180

caagagattt gaaattaaag ggatctgctt catgggttgg ttgtgttgct ttagatgcaa   240

gtnagagctg gttggctgca gtagtgg   267

<210>   1458
<211> . 272
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956981H1

<400>   1458

caaaactata aatcaaaagc tcagagaacc catcccgccg ccgccgtgtg ctccgaccgc   60

cacctccatt cgccgtgtac tctcactccc ttaataatta ttgatttctt ctcttacttt   120

ttgctctcgc tggagttgag tgtgatggta taggttaata ggaaagaaaa actaagtgag   180

gaaaggtgaa aaaagaatta attagagtgg aagagtgtgg ttattttctg atttgagaag   240

caaataccaa agagtgaaga acaaaagaaa aa   272

<210>   1459
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956983H1

<400>   1459

cttgttcctc tcgcccagaa tccgagatca accctgaccc ctaaggccag gggttttttct   60

cggcttcttc agattcctga aatggcgtct gtttcagctt tagccaagta caagctcgtc   120

530

```
ttcttgggtg accaatccgt gggcaaaacc agcatcatca ctcgcttcat gtacgataaa    180

ttcgataaca cctatcaggc tacaattggt attgattttc tatcaaaaac tatgtatctc    240

gaagatcgaa ctgttcgact gcagttgt                                       268


<210>      1460
<211>      269
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956987H1

<400>      1460

tcaagattca gccaaagctt agcacttgct ccaaaacagg tctcggtgca aatactgagc     60

ctccaagcct tgacaaactc aaccctctca agcaaagcag tgaaggtgag ccatgccaat    120

tgtgacgact cattggagac ggaattccac gttgacgtga aaaacgaagg ctcaatggat    180

gggacccaca cccttctcat attctcgaaa ccaccccccgg gaaaatggtc acaaattaaa    240

cagttggtga ccttccacaa gacccatgt                                      269


<210>      1461
<211>      266
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700957024H1

<400>      1461

ccgagtcgcc atggcgtcgc aggagagtat cganaagatg caggcacggc agaattaccg     60

gaatttatgg cacaccgatc tcatgagatc cattcaggcc gatactcctt attgttgcct    120

cgcgttgtgg tgtgcaccat gtgtgtcnac cttcttcgca aacgagctct ctatgatgat    180

atgtcaaggt acacatgttg tgctggctac atgccttgca gtggtaggtg tggagaaagt    240

aaatgtcctg aatttgcctt tgcact                                         266


<210>      1462
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957057H1
```

531

<400>   1462

ctgagcagtt gaggaaatgg gaacccttgg gagagcgatc tacagcgttg gtaactggat   60

tcgagaaact ggacaggcca ttgatcgtct cggttcccgt cttcagggcg gttactactt   120

ccaagagcag ctctctaggc atcgaactct gatgaacata tttgataagg ctcctgttgt   180

tgataaggat gtatttgttg cgccaagcgc ctccgtcatt ggagacgttc aacttggaag   240

aggatcatcc atttggtatg g   261

<210>   1463
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957073H1

<400>   1463

catagttggt gttgctgggt ggggaactgg tctcaaactc ggaagtgact cggttggtat   60

taagtataac acccatagag cactcgggat caccctcttc tgccttggaa cccttcaggt   120

ttttgctctg ctcttgaggc ccaacaaaga ccacaaaatc agaatctact ggaacattta   180

ccactacgcc gttggatact ccaccataat catcagcatc atcaacgtct ttaaagggtt   240

tgatgcattg gagacttctg   260

<210>   1464
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957091H1

<400>   1464

gaagatgttg cgaacgacaa tactgcaatt cgctgcgttg caggttttgt ttattctgtt   60

gggtgttggt gccgattaca taccgccttc gagatttgat ggcttcgtct acgggaaggg   120

gaacttgaat ttgttggata cggttttgat agaagcgttt tatgacccag tgtgcccaga   180

tagcagggat tcctggcctc cactcaaaca agctcttcat cactacgctt ctcgggtttc   240

gctccttctt cacctcct   258

532

```
<210>      1465
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957109H1

<400>      1465

gtgagattct gaaccaagac aaagaaaggg ttaagtacat taactcaagg atctcaaaga    60

acttgggcca agatagtagt gtgagtgaat tggactcagt tacactacca gccaagtctg   120

gtagccttat tgggtctggg aattactttg tggttgttgg tcttggaaca cccaagaggg   180

acttgtcact catctttgac actggcagtg atctcacttg gactcagtgt gaaccatgtg   240

ctcgttcttg                                                          250


<210>      1466
<211>      149
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700957110H1

<400>      1466

cgaatatcgc attcgcgaaa tcatgcagga gtcggtaaaa tgcatgcgcc attcaaagag    60

aacttntctt actacagagg atgtggatac tgcacttgca ttgagaaatt tggagccaat   120

atatgggttc acatctaatg atcctccac                                     149


<210>      1467
<211>      237
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957193H1

<400>      1467

caaaaaaccc ttctttcttt caggttcatt acttgatcag tgtcaaaagg gtagttgcaa    60

attgcaatgg ctaagcatga tgttgagggt ggttccttct cagcaaagga ctaccatgat   120

cctcctccag cacctttgat tgatgctgag gaactcacac agtggtcctt ctacagggct   180

ttgattgctg aattcattgc cacattactt ttcctttaca tcacagtgct cactgtg      237
```

<210>   1468
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957204H1

<400>   1468

aagattaaag attcaacaat ggcctctgct tctgctactc ttctcaagtc atctcctgtt   60

cttgacaagt gcgagtgggt caaaggccag acccttcgcc aacctctcgt gagatgtaac   120

ccttcctagc atcagctctc accatcaaag ctgcttccta tgctgacgag ctcgtcaaaa   180

ccgccaaaac agtggcctca ccggggcgtg gtattttggc gatggatgag tcaaatgcaa   240

cctgcggg   248

<210>   1469
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957304H1

<400>   1469

gtgatgttgc atatgtagag aagcgtcaca aatcaatgga ggaagcgttg ctacagggat   60

tcccatcaag caatttgaaa caattgttga ttgtatgtgc caaagccttg tctgaaaaca   120

acatgaaagg ttttgatcag ttaatagaga aggctagaag tgctgtgtct ataactgggg   180

agccaatcca gcgcctgggt gcttatttgg tagaagggct tgttgcaagg aaggaggcat   240

caggaaataa catctaccat gc   262

<210>   1470
<211>   196
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957305H1

<400>   1470

cccttacttc aatttcatca acacaaccat caatttcatc aaccatcgca taataatagt   60

attatcatga tagccgtggc ccgaaaggac atggaccgga tcaagggccc gtggngcccg   120

534

gaggaggacg aggcccttca gaagcttgtg gagcggcacg ggcccagaaa ctggtcgctc   180

atcagcaggt ccattc   196

<210>   1471
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957316H1

<400>   1471

gtaggcatag aagacatgtt tctcaaggct attgtcccaa cagacatccc agaagatgaa   60

atacctcgat acaactttga cttgttcaat actttatggg aggcatgtgg ctcatcctcc   120

agcactggcc gggagacatt tcagttgaaa ggaggcaaag ggattgctgc catcagtgga   180

actcaatcag tcaagcttct tgatgtccct gcaacctctt taatccaggc aactgagcgc   240

catttggcac attttgtcgt   260

<210>   1472
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957319H1

<400>   1472

cggggagtgg aaggaacgat tacgggttca aagcggagat agagacggtg gggaagataa   60

ggcacaggaa cataatgagg cttttgggtt acgtgtcgaa caaggagacg aacttgcttc   120

tgtatgagta catgccgaat gggagcttag gggagtggct gcatggtgcc aagggaggtc   180

atttaaagtg ggaaatgagg tacaagattg cggtggaagc tgcaaaggga ctatgctatt   240

tgcaccatga ttgttcccc   259

<210>   1473
<211>   253
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957362H1

<400>   1473

caattgacca ttctaacatg gtcgntcttt caactcaaac ttctggngcc ttgaccaggg   60

attggagccc aatgagtata tgtcctcctc atggaagggt gtcatcatca gangcaaatg   120

cttttaatca cgaggcaagt catttcctta ttggaagcag ttctagtaat gctcctgtag   180

atgttggagg ttttcataat gaatttggaa ctagtagaaa tcctactgct cctcaaagtt   240

ttcataataa tct   253

<210>   1474
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957372H1

<400>   1474

ggagcgtcac cctctcacat ggcggcagca accacaattt gctacggtcc ctcctcttat   60

attcttcttg gctcaaattt acttagacag ggacacttga aaaacacttc atttgctcat   120

cgttttctc cttcaagatc attcctttgt aacggatttg ttcccaggaa acctgttttg   180

ggaagaaact cgttctgggt atcaaaaacc atggatgaat ccgcgagaac ttctgctttc   240

agagatggaa aaggcga   257

<210>   1475
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957373H1

<400>   1475

ctctcttcat tccaattttg gcaccacacc atgccaaccc tcaaccatgt cctcacattc   60

acattcttcc ttctcctctc ttgccattgc cacctcctca atggccaaga ggacacctca   120

tttggccgtg ccatagacag aaaattgtta ggcctaaaga gaaaagaaaa gctcagccac   180

ttcaaatttt attggcatga catagtgagt ggccgcaacc ccacttcggt ggcggttgtt   240

ccgccaccgc cgaag   255

<210>   1476

```
<211>        253
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700957380H1

<400>        1476

tatcatttca tttcgataat catccatagt tactgaagaa aatggcaacc atctccgctg    60

ctatcacaac cccatcgatc acccgcgcat gtctagtgca aaaacgttct cttgggttct   120

catctcccgt tcttggtttg ccagcaatgg gtaaggtggg aagagtgagt tgctccatgg   180

aggaaaagcc ttcttctgtg aaggaaagca gctcaagcat gttggggatg ggggcatctt   240

tgatggcagc ggc                                                      253


<210>        1477
<211>        253
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700957383H1

<400>        1477

ccttgttctc ctgctgtgct acattgttat tggggcatgc ttcttcgtac aaagaacacc    60

ctttaataac caagctgatg ttactaacat cacacttaaa ccagccacta atgcagtttt   120

aagcgcttaa ttagtaggct ttggcctatt tcttgtcctt tcctgagatg aagaatggtg   180

gtatcgatcc aaacccaaaa tcagattcaa attcaatgga ttggttattg tttcattctg   240

atcacattgt cat                                                      253


<210>        1478
<211>        250
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700957394H1

<400>        1478

gtgccacaca cgtatgtttg tcaaagccaa aattttata gaaatttatt cacctgttca    60

tatcttaatt gtatgtagaa aacaatgttt atgaggaatg atcatgaagc tcagatcaaa   120

gcattgaggt gtgaacttga agatgagtgt cggaagctgg aagaggagtt gcatcttcaa   180
```

537

aaaatccaaa gaagacaggc aaagggcttt gttgcagttg cagtggaaag tgatgagtga   240

caagcctaaa   250

caacaataaa agaccatgtc ggtgaaggag tgcgagcacc acaagggggaa gaagaggaag   60

atcttccggc aagtgttctg gtgcttagtg gtgttccttt tcatcgtgct ggtcacaatt   120

cttttgatat gggcaatcct tagacccacc aaacccacct tcacgctcca agacgtcacc   180

gtctacgcct tcaacgccac cgtggcgaac ttcctcactt cgaattttca ggtcacgctc   240

atctcgcgta a   251

ctgagtttag ctattgatgt tacatacatg ccatttggac tctttgaaat atgtaatcta   60

tgacttcaag gaaatggtta gaagttattc atactttcat taagctaaaa ttaaaaatat   120

cctttactaa gctgttttct ttaatctttta taataagatt atcctcccaa acgaatctgc   180

aatcagtttc gtggaggttt tccacatgga tttccttaat accatgatgt tgagaaaccg   240

agaaacctat tt   252

```
gttgattgca catcctttt gctttcaggg ttggaagaat ttttgcgata aaatattttt    60

tcacccaaaa aaatggtgtt ggatccaaga ctggtgctgg tgctgttcat cggcactgca   120

ttttggccat caatggtgac acagatc                                        147


<210>      1482
<211>      252
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957441H1

<400>      1482

gtaagtatgg tggttatctt agcagcttga gaaaggaatt tctaaagaaa aggaaaaaag    60

gtaagctacc aaaggatgca aggatgatac tcatggactg gtggaacaac actataggtg   120

gccttatcct acggtaattg aaattaatat catgaagtat atatatagca atatagctta   180

cgttatattg tgtattgctc attaacagta gtatgtgatc tgatttgatg aaatatgcca   240

aattgccata ta                                                       252


<210>      1483
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957463H1

<400>      1483

gttgcttacc cttgtttatg gtttcatatt gttcatgtat cattctaggt ggagagaaag    60

gttacctgca aggcctgcat actacaagta tgttactatt atgctctctt gaatgcaatt   120

gcactgtttg cttgtggtat tacaggaaac ggcactgctt ttggtttctg gttatatcat   180

ttcacggttg tatgttacca tgccgcttat cttcccctgc tgtatataac cttcctggct   240

gactttttc a                                                         251


<210>      1484
<211>      114
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957467H1
```

<400> 1484

cgtgggccca ggcctaagta tgcacctgct tttgccgata ccgatatgga gtacaataat   60

gttgcacctg atgggtcata tgttggtaat ggtcgattag gcagaagcca ttga   114

<210>   1485
<211>   122
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957553H1

<400>   1485

ctgcaaatgg agttgggagg aaaagatgcc tgcattgtac ttgaagatgc tgacctggat   60

ttggttgctg caaacattat aaagggaggt ttttcataca gtggtcagag atgcactgct   120

gt   122

<210>   1486
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957580H1

<400>   1486

taaagacaac cattttagca agaaaattg gtgtaattaa attctcaatc ttctttacat   60

tttcactgtc agaactgtag cacgtgactc tttagtgaaa ccttcactcc atggtttcct   120

cattgccctt tgaagcttga actcggataa agatcgtgac tttggctgat tctggaaatg   180

ggttctcgga ttcagcttct gcctatttgc ttttggctgc acttgacatg cttcag   236

<210>   1487
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957609H1

<400>   1487

cggggttcaa catcattcac gcgataaacg cgtgggagga ggacgaggga agaacggtgg   60

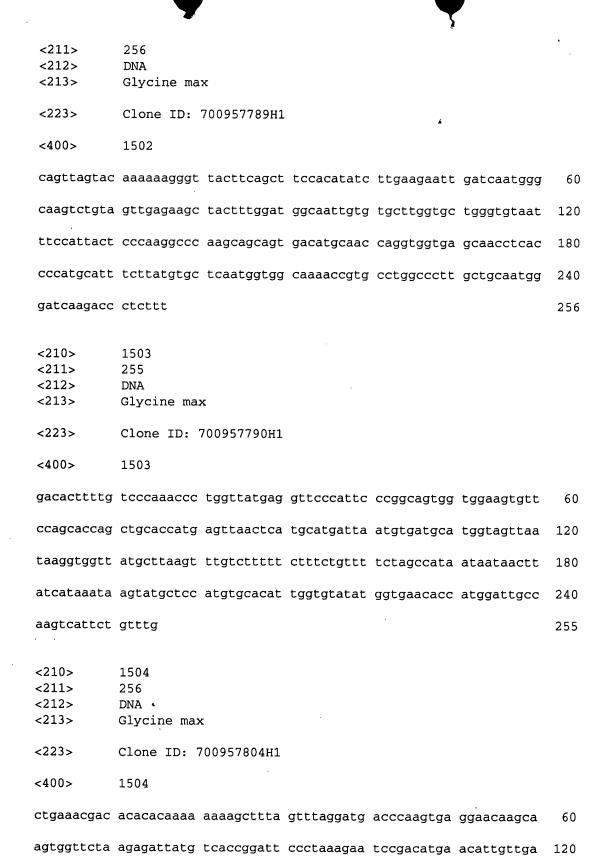tgctggtggc gccgaatatt ctttcgatgg agcacgcgct ggagagaatg gagctagttc   120

540

```
acgcgatggt ggagaaggtt cggatcgagc tggacacagg gataatcacg cggcaaccgg    180

tgtcggcgcg gaatctcgat ttcgcagtta taaaccctgc gttcgtgggg aagaagaaca    240

ggttcgttta cgcggcg                                                   257


<210>      1488
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957614H1

<400>      1488

ttctttcgtt gtttctcatg ctgatgggaa tttgtacgta tatgaaaaga acaaagatgg    60

cgctggtgat tcttctttcc cagttgtaaa ggatcaaact cagttttcgg ttgcccatgc    120

acgttacagt aagagtaatc ctatagcgag atggcatata tgccagggtt caattaatag    180

tatttctttc tcgatggatg gggcattctt agcaactgtt gggcgagatg gttatttacg    240

agtgtttgat t                                                         251


<210>      1489
<211>      255
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957624H1

<400>      1489

ctggaggcca aattcatgta ccaatatatg tcactggcat tatcaaagtc agcaatgcgg    60

aaattgctgt tcttgacagt gatcttggaa gtgttgaaac ccaaaaaacg ctagatttgg    120

ctggaaatga tgttgtttca ctctcagcta accacttgca aaagttgcgc ttttctttcc    180

aattgacaac acctcatgat catgctttta agcctcttca ggcatttttc aagttgaagc    240

atgagacaaa gcatg                                                     255


<210>      1490
<211>      260
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957633H1
```

541

<400>   1490

ccctcatagc atcgaatttg ttcttgaagt tcttggtatt cttcctagct tcttctcatc   60

ttagagaaag agtgagagat ggaacgaatg ttccctccta agaagccttc aactatgaat   120

tcccatgaca ggtccatgtg tgtgcaaggg gactcagggc ttgtcctcac cactgaccca   180

aagccacgcc tccgttggac tgttgaacta catgaacgct ttgttgatgc tgttgctcag   240

cttggaggac ctgataaggc   260

<210>   1491
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957650H1

<400>   1491

aagaaaggtt agagagccaa aggaagaaaa cgtgactctg ggcccagctg ttagagatgg   60

cgaacatgtc tttggcgtcg ctcgcatctt tgcctccttc aatgatacct tcattcatgt   120

cactgatctg tccgggaggg aaacacttgt ccgcatcaca ggtggaatga aggttaaggc   180

tgacagagat gaatcgtctc cctatgctgc tatgcttgct gcacaggacg ttgctgccag   240

atgcaaggaa   250

<210>   1492
<211>   237
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957658H1

<400>   1492

ctcccctctt ccccacccaa ccttctctcn atcacacaca caagtcaatg gataaaaaac   60

aacagtgtaa gacgtctcaa gatcctgaag tgagaaaagg gccttggaca atggaagaag   120

acttgatctt gatgaactat attgcaaatc atggggaagg tgtttggaac tctttggcca   180

aagctgctgg tcccaaacgt aacggaaaga gttgccggct aaggtggcta aattacc   237

<210>   1493
<211>   229

542

<212> DNA
<213> Glycine max

<223> Clone ID: 700957675H1

<400> 1493

ggaggtgccg aagatgaagt cgactgtgcc ggagatgacg cagttgcggt agaacatggc   60

tacaggaatc gtgatccagg gttgcaacat cgtcccagaa gccgaacttt tccctacaag   120

gttccaagtg aagtcatacc ttggaaggcc atggaagcaa ttctcaagga cggttgtgat   180

ggaatccacc gtgggtgact tccttcaccc cgaaggatgg tgcccatgg   229

<210> 1494
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700957682H1

<400> 1494

caagaacatt agtttcactg tctgggatgt tggtggccag gacaagattc gtcccttgtg   60

gaggcactac ttccaaaata cacagggtct cattttttgtt gttgacagca atgacaggga   120

cagagttgtt gaggccagag atgagttgca caggatgttg aatgaggatg aactgagaga   180

tgcagtattg cttgtatttg ctaacaaaca agatcttccc aatgcaatga atgctgct   238

<210> 1495
<211> 57
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700957685H1

<400> 1495

acaaacttgg tttnaattgg tanaggcttg ccaaggtctt gttnantgag cgttaag   57

<210> 1496
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700957703H1

543

<400>   1496

attctgcagg aaagttataa gattctgttt caggggtgta aagaaactgg ctttcgatca   60

ttatctccag gttcggtgaa aatgagttca ggaggaaagc aggggggctt cgtttcgtac   120

caaaacgtct tcgtaatgag gcacggggag cgtttggaca acttcgagcc gtcgtgggtg   180

atgacggcgg cgcggccgtg ggacccgccg ctggcagagg caggtagaaa acgggcgttc   240

gaaacgggtc ggaggctccg ggagagtgtc gg   272

<210>   1497
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957710H1

<400>   1497

ctcaatttca tgaagcgcaa agaacagctt cagaggcata tgaggaaatg tgatcttaag   60

catccccctg gtgatgagat atacagaagt ggtacactgt caatgtttga ggtcgatggc   120

aaaaagaaca aggtttatgg gcagaacctt tgttatttgg ccaagttatt tcttgatcac   180

aagaccctct attatgatgt agacctgttt ctgttctatg ttttgtgtga atgtgatgat   240

cgaggatgtc acatggttgg ctatttct   268

<210>   1498
<211>   272
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957717H1

<400>   1498

tttctgctga gatttctttg tctccccggt attctgatcc agcagccggt tctgtgtttt   60

cccctactca caaatcagct gttctcaatc agtttcaaca gctccaaagt atgttatcac   120

ctataaatac taatttgctg tctcctaaga atgttgagca tcctctttttt caggcttctt   180

ntgggtgtct ctccttctgg anggatgtca ccaagaagtg ttgaaccaat ctctccaatg   240

agtgctcgtt tatctgcatt gctcagcgag ag   272

544

<210>   1499
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957753H1

<400>   1499

gcataggcat agactagaga gagagttgca atggccgttt ctttggcagt gaaccgtcct   60

ctgcttggtc ttcacgagaa tgtaccatta gctgttgctc atccccaatt cctcccgttc   120

aaatggccac ccaagtccaa actcccctcc gtcgtcggaa ttcgatgctc ctcctcccct   180

ttcaacgaca aaaccctcat ttccatcaca cctaacactt cccacctcaa tcccaaccct   240

ctcgcttgtc gctttcacgc ttcc   264

<210>   1500
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957757H1

<400>   1500

gccattattt cctggagaaa accaagtgga ccaacttgtg gaaattatca aggttcttgg   60

tactccaaca cgcgaggaaa tccgttgtat gaacccaaat tatacagagt ttagattccc   120

tcagattaaa gctcatcctt ggcacaaggt tttccacaag cgaatgcctc ctgaagcaat   180

tgaccttgca tcaaggcttc tccaatattc acctagtctc cgctgcactg cgctggaagc   240

atgtgcacat cctttctttg a   261

<210>   1501
<211>   49
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957785H1

<400>   1501

tctctctctt tctctttctc tctcatccag atcttgcaaa anaaaaaaa   49

<210>   1502

<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957789H1

<400>   1502

cagttagtac aaaaaagggt tacttcagct tccacatatc ttgaagaatt gatcaatggg   60

caagtctgta gttgagaagc tactttggat ggcaattgtg tgcttggtgc tgggtgtaat   120

ttccattact cccaaggccc aagcagcagt gacatgcaac caggtggtga gcaacctcac   180

cccatgcatt tcttatgtgc tcaatggtgg caaaaccgtg cctggccctt gctgcaatgg   240

gatcaagacc ctcttt   256

<210>   1503
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957790H1

<400>   1503

gacacttttg tcccaaaccc tggttatgag gttcccattc ccggcagtgg tggaagtgtt   60

ccagcaccag ctgcaccatg agttaactca tgcatgatta atgtgatgca tggtagttaa   120

taaggtggtt atgcttaagt ttgtcttttt ctttctgttt tctagccata ataataactt   180

atcataaata agtatgctcc atgtgcacat tggtgtatat ggtgaacacc atggattgcc   240

aagtcattct gtttg   255

<210>   1504
<211>   256
<212>   DNA ·
<213>   Glycine max

<223>   Clone ID: 700957804H1

<400>   1504

ctgaaacgac acacacaaaa aaaagcttta gtttaggatg acccaagtga ggaacaagca   60

agtggttcta agagattatg tcaccggatt ccctaaagaa tccgacatga acattgttga   120

aggcaccata atattgaagg ttccagaagg ttccaatgat gtccttctaa aaaatctcta   180

546

cttgtcatgt gatccataca tgcgactcct catggccaag gaccgttctt tcggagatgg   240

ctccttcacc cttgcc   256

<210>   1505
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957809H1

<400>   1505

ggcagaaagc aagctcatcc tagagtttta aaaatggcag cagcctcctc catggctctc   60

tcttccccat ccttggctgg caaggccgtg aagctgggcc catcagcccc cgaagtcggg   120

agggtcagca tgaggaagac cgtcaccaag caggcctcct ccggaagccc atggtacggc   180

ccagaccgcg tcaagtactt gggcccattc tctggcgagc ccccgtccta cctcactggc   240

gagttcccag gtgacta   257

<210>   1506
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957814H1

<400>   1506

aattggctga attaataata gtcacaccgg agccatcaag ttgagtggga gatgcttgcc   60

atgactgaga ttcttgaaga ataaaatatc aaatcttgac agattcagcg tgtgtgacca   120

agttagtgga aattgtactt tggaactgta atcacaaatt ccctatcact aattttaggt   180

ggtggttgta cttttaataa gtttatgtga aaaagaaaaa aacagtgctt ttgtatatta   240

ttcctagatg aattgta   257

<210>   1507
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957821H1

<400>   1507

agccattgaa tcgtttcgtt tcggaggtgg cggatatgga cgattacgcg agcagcgacg   60

aggattacca ttacgactcc gatcaggagg actccgtcga ggcctacgaa aacgacgaga   120

attacgcctt gctttcttcc aagggcccca ctactaaggt gattacaaag gaatcactgc   180

tggctgcaca gaaggaggat ttgcgcagag tgatggacat gctatcggtg agagagcaac   240

atgctcgtac tctg   254

<210>   1508
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957822H1

<400>   1508

ctgcgtctct tctcaaaaac cctacaaaca aaacactctc tgcttcgcaa attcgaacct   60

ttgaatctga atcatgccgc gcaagaagaa agctcacgac ccattcttca ccaacgattc   120

ccgaaagcgc caaaaaccga ataaaaaact cgacgaagat gaggaagacg ccgagataga   180

aagcgacttt gatgaagacg gcttcttcgc cggcggcggt ggcggcggct cgggtgaaga   240

gcaggaggag gaaga   255

<210>   1509
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957839H1

<400>   1509

aaatctttta tttcattctt cagaccaaaa aaagaaaaag agaacattgt tcaacgaagc   60

aagatgctta gcaaccgcat atggcagagg agagctttga tctccgcccg gaccttattt   120

tctggctctg cttctcactc ttcatcatct tcccatgcga tctcgcttcg cttcgccaaa   180

gctaatgctc cttcttcttc acatgtcatt ttcaattttg cacgtgtgga cagatattgg   240

ttttctactc aac   253

<210>   1510
<211>   246
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700957890H1

<400>   1510

cacactagct atagctagaa tcccctccaa tccctctttg tctttgtgct tttctttagt   60

tctttccaaa acagcaacaa tgatgagttg ccaagcatgg cctgaacccca tagttcgagt   120

ccaatcctta gctgacagtg gcctaagctc aatcccttca cgctatatta ggccacactc   180

ccaaagaccc tccaacacca cttcttttaa actttcacaa accgaacatg atcatggtca   240

cggtcg   246

<210>   1511
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957896H1

<400>   1511

gactatatat atatatgcca tcagaacgtg gagttctttg tgtggtgatc tttttttata   60

tggaatagta gagaagaaga ataataacgt agggccttgg ggcatccagt ttgttgaccg   120

gattgtggtc aactcgttta gaaatataag caatttgttc ttgtttcttg tttgtgggtg   180

catgaatcct acaattttac atttaaaaaa attgtactac tttttttctta aactgttgtt   240

gatttttcat aaa   253

<210>   1512
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957904H1

<400>   1512

tgctttgaga cccttaatcc catccacaaa agcactgtct ctgatgatga agatgacatt   60

gaatttgtgg ggggttcagg cacaaccaat ccaaccacaa aaaaagatgc tagcagcttt   120

caaatctttg acatcattgg ccattttgct caacccaatc cccacacagt tttgccaaag   180

acaccaatta tttgcaaacc atcagaaaat gccattgagt tggccctcaa gatagccaac   240

549

cttaatccac aaagaacttt gttcttt   267

<210>   1513
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957905H1

<400>   1513

tctgaggtga ctttaattat gaatggaaaa caatactaaa aatacctaaa gaaccacatc   60

aaagttttgt cctttgtttt atattataat tttgcaatga ctatttttcc ctagtgaaca   120

gaatttctgg cagaataaat tgtgccattg ttttgcattt gtagaatctg gactattata   180

accttttatc tcctcttact gtctaatgtt cttactgctc tgcgatagat ttgttcattc   240

tttgttcact atgtttgtag tggaa   265

<210>   1514
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957949H1

<400>   1514

gcttatagta gcaattgaca tttattagca ctgagtaaca cgcccgaata tggcaccctc   60

aatctccgac gaaatgccaa gcaccaccac ctctctcctc cgccgcaacc ggtggctccc   120

ctccagcatc aaactgaaaa caaccctttt ctcagaactc tccggcgcgg tgggtgacct   180

aggcacctac atccccatag ttctagcctt atccttagtg aacaacttgg acctcaccac   240

cacactggtc ttcactgctc tcta   264

<210>   1515
<211>   130
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957965H1

<400>   1515

accaattcta aggcaccaac aatcgtgtgg gacgcacgtg acctctgcga ctttcatctc   60

```
gtcctcaaac acggcacgtg ctacatgaca cttcatgtct tacatgcgga gggtgatata    120

ggagaatata                                                           130


<210>        1516
<211>        261
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700957966H1

<400>        1516

caacaagttg atggccaaag ctgataaaca aacaagactc agtctcacga ggtggagtgc     60

ggattggaaa agtgctactg ttctatatga gcaggcagct aatgggttta gagttgccaa    120

ggactatgag aatgccaaaa tagcatatga gaaagcttcg aaaggacaag agatgctttc    180

ttcaccttgg gatgcagcta agcacatgga atctgctgct gctctagcga aggatctaag    240

acactggcaa gaagttgtgg a                                              261


<210>        1517
<211>        247
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<223>        Clone ID: 700957994H1

<400>        1517

gtttttatt ctctcttctc tctgcatcgc ttcaggttct tctgaaaaga tgtctcgcgt      60

gtcntgttgg taacttggat tcacgagtca ccgagagaga tctcgaagac gaattccgtg    120

ttttcggagt tattcggagt gtttgngttg cacgtagacc acctggtnat gcttttattg    180

actttgatga ccgcagagat gcacaggatg ctatccgtga attggatggt atgtttagaa    240

gaattat                                                              247


<210>        1518
<211>        247
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700957996H1

<400>        1518
```

551

```
aaagctatta agcccaaaca aggcaacaac tctgaatcca aatgcagcag agtttgttcc    60

tttttgccctc agatcatcgt cattatctgg aactaccagc tcggtagatg caacagcaaa   120

gctttctgct gctggagctc ttgggaaagc agttttttgat agatcagaat catccatttc   180

aaataattct gatgatgagg tacaccaata ctggcgatgt cagctccctg atgatatcac   240

ccctgat                                                              247


<210>      1519
<211>      113
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700958066H1

<400>      1519

ctgtcttcnn tggngatngc cttttgcntt ttgcgttagg ccttgccgaa ttaantnctn    60

gtntcatggt tctctcgang tcaagaanaa tgtgcatgcg agagtttcna ggt          113


<210>      1520
<211>      271
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958105H1

<400>      1520

cttttgtctg aggtgtgtgc attcttgttt aactcctctt tgttcctcag acatcccaga    60

agggaaccaa aaataaaaaa taaaaaaata aacacaatca ataaagggga gaaaacaaac   120

atgtcattca caggaactct tgataaatgc acagcatgtg acaagactgt ctatgtggtt   180

gacttgttaa ctcttgaagg aattccttac cataaaaact gcttcaagtg cagtcactgc   240

aagggatgtc ttacgatgtg cacatactcc t                                  271


<210>      1521
<211>      269
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958109H1
```

552

<400>   1521

ctagtttagt tatctactct tttctgcatg tttgttctct caacgactcc tccgcgaaag   60

agtattattc aatattttgg ttgggttgaa tcccgggggtt gaagcgttgc agacatcacg   120

gctattctaa gagtgtctcg ctccctcatt catgtccgat ctgtacgacg gaggacgggt   180

agttgcgtaa ctgccgttaa cccttcgccg cacggtgggc gtggtgcttt gccttctgaa   240

ggtggtagcc cttcagactt gctcttcct   269

<210>   1522
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958116H1

<400>   1522

ctctgcttca tccagggggga ctcctactcc tagggcctca agacagtttt tggataattc   60

tctggattgt ttacctcttt ccagtactgt tacagatgag gcctatgagt cactgaaacg   120

gcaaaaggtt tatttttcag atacagagct taaagtgggt gatgaatctg acagtcccct   180

tttgaatttg agctactcaa aatctgccaa ccgtgagaag aaaggtcaag ctggaaatgg   240

aggcaattac aactcaaaca acactatgc   269

<210>   1523
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958195H1

<400>   1523

gttacttgcg atacggtatg ctagcagctc gtgcagaggc tttaaaggtt cgtgattctg   60

aaaatccttg tattttggct ggctttgatg ggtattacgt atatggagga gtgcagtata   120

aggccaaagc tcccccttct ggctcaagct tcagccaatg ccaaaatgtt gttgttgaag   180

cactccatgt taatgcaaca tgctcttaca aggattgcac tttcggaggg atatggaatg   240

gtggtggggg agctgg   256

<210>   1524

<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958210H1

<400>   1524

attagcagca gcatatgttg ttgtttgtgg tcatcccttа cagcagtgtt gatcagaaga   60

agactatata atagcctttg ctccaatcac ttcctcttgt tcatgccata aactaaaccc   120

tttctacagt tacaaatcta tgctactcca caaagactct ttttgcatga gacatcctct   180

ctcttaaaaa accccttctt cagtcaaacc tccccaatca tacttttacc atttcaccac   240

tcacactttt ctctccctc   259

<210>   1525
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958215H1

<400>   1525

aaaatatctc acgcaataac aaaccctaat aacaatgctg aagcatttca acatgaacat   60

tttcttcacg ttgcttatag ttgtcacctt agctagtttc tatgttcccc atttgaagcc   120

tagtctttca attacaatac ccttctgcat ggttgcaacc ctagcatacc aatttataat   180

gagaacaccc aacaaaattt acttggtgga ttttgcatgc ttcaagccaa gccttgaatg   240

cctgtgctcc aaggaaatgt t   261

<210>   1526
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958220H1

<400>   1526

gtcatttcca aaagagaaaa agacattttc aataccattt tttaagcctg taccaaagtt   60

tcttccgatt gttaaaccta taccaatgcc ttttccaaag cctctacctc tacctatccc   120

agttttccag aagcctatac caaagtggat tccagatgtt aagcctatac caaagccaat   180

554

```
tcctatcccg gtgttcaggc ctgtcccagt tccagtgaag ccaataccaa agccatctcc  240

aacaattgag aagccaaagc                                              260


<210>       1527
<211>       257
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700958221H1

<400>       1527

gtgagataca ctaagttatc ctcataaata cactctaatt aggtggcaag ataagtgtct   60

aaccttagta acattgccac atattgtgtt cattttggaa ttgtgccact aaaattctat  120

tcaattcatc tatggctgcc tcttcttatg ctatgcaatc aatcctggca aaccctttga  180

tccgcatttc cagcgggtct agggtgaacc aatttggcgt tcctgctttg cacatgagaa  240

ggaatgttgg cctgaga                                                 257


<210>       1528
<211>       257
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700958224H1

<400>       1528

atgtcacagt tgggtttatg tgcttttcgg gttggactga tttctgaagc ccatggctgc   60

ctgtctgaac tgtactctgg tgggagggtg aaagagttac ttgcacaagg tgtgtcacaa  120

agtcgctatc atgagaagac tccagaacag gaaaggttgg aaagaagacg gcaaatgcct  180

tatcatatgc acatcaatct tgagctcctg gagacagtac atcttgtatc tgctatgctg  240

ctggaagttc ctaatat                                                 257


<210>       1529
<211>       255
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700958240H1

<400>       1529
```

555

ggaccgttga aaaaagctga agctcatcat gatggtccca tacaattatc agcatctgcg   60

tgtgagttgt tagagacaag aaaaacgaga cctttagatg gtcggaagat caaaaggaga   120

aagccaaaca gcacctcctc agcaaattaa cataaaaaac ctctctttct ctatttcttt   180

tattattggg tatgtcttga agttcttctg aatttgaagc atatatttgt ccttgaatgg   240

aaacacgtgc tggaa   \   255

<210>   1530
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958250H1

<400>   1530

ctcggaagcg tgcattaaat ttcccgaaag gctaaaatat ccaatgcacc tttctcttcc   60

tccgatggct aatctctcac tcttgttctt cggtctcctc ctattctccg ctgccgtagc   120

caccgtcgaa cgaatcgacg atgaagacaa ccttctgatc cgtcaagtgg tgccggacgc   180

ggaggaccac cacctgctca acgcggagca ccacttctcc gccttcaaga caaagttcgc   240

caagacctac gccacgc   257

<210>   1531
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958251H1

<400>   1531

tattaaagca ggtcacaatt tgtaattgta attgtaattg tagtagaatg aggatgcgtt   60

cagctaaata actttaagtg ttgtgttaat aagtgttctt atcttataag agcttatgtc   120

aaaattttga tcatgaaact tactaatgtg gtctggtgat gggtgttaga attcaattgc   180

aaggtgtgag acttgagtct caaattggaa gtatgaaatt ctagtgtggg gtgtataagg   240

ctctacaact acaaca   256

<210>   1532
<211>   253
<212>   DNA

556

<213>   Glycine max

<223>   Clone ID: 700958255H1

<400>   1532

atatagccca agccctatac aaccaaaccc taacacacac ccatttgatt cagtttccat   60

ggctagcctc aaggttgcat ttttggctgc agtgctctgc atggttgtgg tgagtgcacc   120

catggcacat gcagctatca cgtgcgggca ggtgacgaat agcctgatca attgcatcgg   180

ttacctccag aacggaggaa cgccgccgtc gggatgctgc aacggagtga agagcctcaa   240

tgccgccgcc aag   253

<210>   1533
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958256H1

<400>   1533

gaaaaagcaa ctaagcatag tgtgtaagaa agggagaaaa acaagtgctg tgtagagaga   60

aaaatggcta ggtggtgcat gatcttggtg gttcttgctc ttgccgtggt tgcaagtgcc   120

agaaacatgc ccaatgacgc tggtttggag gaccagaaga acttccttgg gtatgggttt   180

tcgggagttg gcaacaatgg ccttcccttt ggtggagtgg gttctgggtt tgatggtaat   240

atgggtgggc ctt   253

<210>   1534
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958260H1

<400>   1534

ctcactcatc atgagtggct gcctcaactt gacatcagtg cattgtgcct gtgctgtcca   60

tgcgcaccgt gcattcacca ctttccctta tcctgcccat taagaagctc atgcttttga   120

tgttgaacac acttcgagga tgtgcccctt gaaagggctc agagaagtga aagaagtgaa   180

atccaccccc cttgtagatg tatgcctgca taagagagac ttgaatctag ctgattatgt   240

acatcttttc ttc   253

<210>   1535
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958267H1

<400>   1535

caaaaatgcg acgcctgaac atatttggaa atcaagtttt ggtccctcct tgagtactga   60

agagcgcgag aaacggatga gacaagctgc tgggagatct ggttttgtgc aggaactgtt   120

tctttcaact ttgttaggtg aataatggaa gctgtaaggt gctttcagaa gaataatcaa   180

cacgagatcc atcgttaagg atcttgaatg aaggatacct ctagtgggat tcgttggtta   240

tctgacaatc catgt   255

<210>   1536
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958273H1

<400>   1536

ttgagtctgg aagattggct tcactcttct gctcctgctg atatctatgt tcttgggttt   60

caagaaattg tacctctcaa tgcgggtaat attttgggca cagaagacaa tggccctgcc   120

agaaagtggc tagctcttat taggaagacc ctgaatagtc ttcctggaac aagcggggaa   180

tgccacacta cttcaccgct tcctgaccct attgtagagt tagatgctga ttttgaggga   240

tcaatgaggc a   251

<210>   1537
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958284H1

<400>   1537

gtgtgaagaa cgacgtcgct ttctcgtttg ggggaaatct aaaatttccc taatctgaag   60

cgcaggcaga gaccttccca ctcctcagag tgtcgccgca gcagcctccg tcgccggcag 120

aaattgcaat cttctgctgc cttattggaa ttcagatctt ataatcctca gtttggtcct 180

atgaaggaca gacacatgaa gaaaaaagtc aaaagattga aagacatggt tgagccagat 240

aaaaattgcg a 251


```
<210>      1538
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958288H1

<400>      1538
```

gttaccttca acataaaatg gaagaatcca agggttttgt tagtggtgag actcaaaaac 60

ctcacccaaa aatgccttct agttccttcc caattccttt gccagggagg aatcgccatg 120

gccagcagtg tccatcaaga tatgccccac aatggaggca aagggcaata ctagggcaca 180

ccgtgggaaa ccctagcggg gcaagtgaga atacaacttt gaaggtgtaa gtcactcgag 240

gagtaataat a 251


```
<210>      1539
<211>      249
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958291H1

<400>      1539
```

aatatatttt acagtttctt gtgaataaga ccagagaaaa tacaccaaat taacataata 60

gaaatgctga catacaaaca atacttgtgt tttctcccaa atagcatagt aaattttgtt 120

taatatgtga actgtgaagc atttaaaatt tgatgtgaat gtgatgatat cctaaacggg 180

ttttgttgcg tgaataggta tacccactct tcgcttcagt tggtgtggct gttggaatct 240

gcggtatgc 249


```
<210>      1540
<211>      249
<212>      DNA
<213>      Glycine max
```

<223>   Clone ID: 700958292H1

<400>   1540

gattgctctg catcaagttc ctgatatttc tgtacctcga tatgttcgtg tgaatacact   60

taaactggat gttgattctg ccttgcttga acttcagaaa aaatactcgg ttcaaaagga   120

taatttactg cctgatttgc tgatactccc accaggaaca gatttacatg atcatcctct   180

tgtcaagaat ggcagtatct ttctgcaagg taaggcaagt tccatggcag caccagccct   240

tagccctga   249

<210>   1541
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958293H1

<400>   1541

tgcctctggc tggtcaaatg gtagtgcaga gagtagccca agaagcagca gcggacctgg   60

tgatgactgg agatctgcct ttgatgcagc tgccaatggc cctgttagtc gaagtggttc   120

atcaagatcg ggatccaatg gtcacagtcg acattctagt gatgctgccc aaaatggtga   180

tgtgaactct gggtcaaact ccagcagccg tcgaacgcct aatcggttgc ctcctgctcc   240

tccgggtt   248

<210>   1542
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958296H1

<400>   1542

tggacagaaa aattcgggtt tagcaagatg aaacccaacc agcttaccaa ctacagaatg   60

aactgccatc aaatcatggc attcaaaggg acaaatatgc ttcataaaac ggtgcctcaa   120

tgtcgggtca tcaatactca attgtgagaa atttgtatac aaaaaagtga atcgtgaaag   180

gggaaaaccc tagctttctt gtcgccatct ttttttcat tcaacctagt ctgtacatgt   240

atcgacttta gg   252

<210>   1543
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958323H1

<400>   1543

cgaggatgtg ctactctgtg tgttgcctat gtttcatatc tatgcgctca attccatttt   60

gctctgcggg attcgttccg gtgcggccgt gcttattttg cagaagtttg agatcactac   120

tctgttggag ctcatcgaga agtacaaggt gacggttgcg tcgtttgtgc cgcccatcgt   180

tttggcgttg gttaagagcg gagagactca tcgctacgac ctgtcgtcta ttcgcgctgt   240

ggtca   245

<210>   1544
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958326H1

<400>   1544

aaatatcatc tgggtattcc ctggaattta gtggggtgcc tttgtttct tcatcggaaa   60

tcgttgttgt tggattccaa gcatgggagg ctgttgcagc cacgatgttt cggttcgagg   120

gaaggtggag agcgagatgg atgatagaga atatgagtat gattatgaaa atgatgtgtc   180

ttatcaacaa ggtggagcat tggtcaggtt aagaggttcc tctaggtttg catcaatgta   240

c   241

<210>   1545
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958330H1

<400>   1545

ttttcggggc acccacataa aaatattttg catgtgtttg cctgagggag agagaggcat   60

ggcactagaa gcagtagtgt atccccaacc acaggacccg tttggccatg gaatcaaaga   120

561

cccttcttac aactacaaca acttgttaga aggtggtgga ggcaattggg gctatgcaga   180

tttcaacctt gaaaaagaag accgaacttg tgtccctttt cttgcgaacc aaacagagaa   240

ttatcct   247

<210>   1546
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958345H1

<400>   1546

ccagttctta ttaatcgatt tacggacaca taggggtttc acttttctct acgcagatta   60

attgagatgg aagtctctgg gcagaatatt gtgaaatgtg atgaagagaa agcattgaag   120

tgcttgcttg atgcctttgg ctcagttttt tctcttgaag agattgcttc tgcctattgc   180

aaggcgagcc gcaatgcgga cttggctggg gaaatgttgt atgaaatgaa gggaagttcc   240

<210>   1547
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958357H1

<400>   1547

gagagagaga aatagagaga gaacttcaag tgagggtgag agtgacacaa atctagagag   60

agcactagta ctctaaaagt ctattatatt cttcaaaata tgaccatgca tcgcgagtct   120

tgggcttttg tcttcggcgt tatgggcaac atcatctcct ttggagtgtt ccttgctcca   180

ttgccaacct tttaccaaat ctacaagaag aaatccactg aaggtttcca gtcacttcc   239

<210>   1548
<211>   246
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958366H1

<400>   1548

gcatacaact acaaaggttg ctgtaggaga taagatattg aagtagtgct aagtgcctaa   60

562

cacctgcacn gaacaatggc ctctgcatca gcatctcttc tcaagtcttc acttgttctt 120

gacaagtctg agtgggtgaa gggacaaaca cttcgccaac cttctgctgc atcagttgtg 180

agatgcaacc ccaccacccc atcaggcctc accatcagag ctggttccta tgctgatgag 240

ctcgtt 246

<210> 1549
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700958368H1

<400> 1549

tttcaataca atattgctct ctaagctttg attcttctta attcataccc ttcccacact 60

cattcattgt tgtgcgtctg gttttctgcc tgaaatggag tacatgaacc agagaccaaa 120

atatgattgc cttctttttg atttagatga tactttgtat ccactaagca ctggtcttgc 180

aaaagcatgt ggccaaaaca ttaaagacta tatggccgaa aagcttggca tagagaaaag 240

c 241

<210> 1550
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700958372H1

<400> 1550

cgcagagaga gagagatcca tcgatcaatt aatttccaat ggccgatcag ctcaccgacg 60

aacagatctc tgagttcaag gaagccttta gcctcttcga caaggacggc gatggttgta 120

ttaccaccaa ggaacttggg actgtgatgc ggtcgcttgg gcagaaccca actgaggctg 180

agctgcagga catgataaat gaggttgatg ctgatgggaa tggtaccatt gatttccc 238

<210> 1551
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700958373H1

563

<400>   1551

attctctctg tgtatttccc tacctctccc ttcaagatgc agatcttcgt caagaccctc   60

accggcaaga ccatcaccct tgaggtggaa agctctgaca ccatcgacaa cgtcaaggcc   120

aagatccagg acaaggaagg aatccccccg gaccagcaac gtctcatttt cgccggaaag   180

caacttgagg acggccgtac ccttgctgac tacaacattc agaaggagag tactcttc   238

<210>   1552
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958380H1

<400>   1552

ctgtgccaat tgacatagat ctgaccatga gtcatgctag cgtatcaggg aaattcaata   60

ctcatgcaac aaatggcaaa gagattgaag taattgattt agaaaatgat gattccattc   120

aagaagagaa gtcaatcgac aatatggata gaaagacaga gactatgttt cctggccttg   180

aaggtttttc tagccatgct caaaatgctg ctgacatgca tgatgttcag gatggatatg   240

ggctt   245

<210>   1553
<211>   117
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958387H1

<400>   1553

ctcagtctct gtgtttgcgg ctgaggattc cgaacgagtg accttcttcg tttctcgcaa   60

agtttaagta atcatgggta aggaaaaggt tcacatcaac attgtcgtca ttggaca   117

<210>   1554
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958394H1

<400>   1554

```
cattagcagc gttaaagaag agagaagaaa aatgcgaaag ttcgatccat ggcccgtttt   60

cttcaagcgc gagtggaaac gcaactggcc cttcctcgtt ggattcgcag tcaccggagc  120

tctaatcacc aaactttccc ttggccttac cgaggaagat gctaagaatt ccaaattcgt  180

taaggcgcac aaaaggtgat ttctgaatcg tgacatctgc ctggctttgc actttatgtt  240
```

<210>   1555
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958421H1

<400>   1555

```
tcgtgttgta gctagctcct cgaaaatgct ggcacgcctc gccgcgagtc gcttcaacga   60

gatccgtcag attttccgtc agccttctag ggctttctcg accgctctga actaccacct  120

tgacacaccg gacaacaacc ctaaacttcc atgggaattc accgaggcca atcaagcaaa  180

ggttaaggag attttgtctc actatccatc caactataag caatctgcta caattcctct  240

tttggatctt gcccagcag                                                259
```

<210>   1556
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958423H1

<400>   1556

```
aaaagcataa acaaaaaaaa attgaaaatc aaagcaataa gaacacgcat tctttacttc   60

caattcccaa ttcttcttct gccctagatt ttaccccctt tattattgca ctccaccacc  120

actgtgcatc gatcgatcgt tggttcttga atttcccttg tggttaggtt tcctcgatgg  180

agtcggagga tgatatgccc gacgccaacg acatcgagtc cctcgacgac gatttctaca  240

gtggcgagac cgaggacgct c                                             261
```

<210>   1557
<211>   253
<212>   DNA
<213>   Glycine max
```

<223>     unsure at all n locations
<223>     Clone ID: 700958434H1

<400>     1557

ggttttttctt tttctcttct cactgcatcg cttcnggttc ttctgaaaag atgtctcgcg     60

tgtatgttgg taacttggat tcacgagtca ctgagagaga tctcgaagac gaagtccgcg    120

ttttcggagt tattcggagt gtttgggttg cacgtagacc acctggttat gctttttattg   180

actttgatga ccgcagagac gcacaggntg ctatccgtga atggatggta tgttcagaag    240

aattatgttg ttg                                                        253

<210>     1558
<211>     248
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700958501H1

<400>     1558

ctccgcactc cgtcttcatc aatcagcatc accaccgctc caacacaggg gaaaatgagg     60

gagatccttc acgttcaggg agggcaatgc gggaaccaga tcggttcgaa gttctgggaa    120

gtggtgtgcg acgagcacgg catagatccg acggggaagt acgtcggaaa ctcagatcta    180

caactcgagc gcgtgaacgt gtactacaac gaagcttcct gcgggcggtt tgtcccacgc    240

gcagtgct                                                              248

<210>     1559
<211>     241
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700958507H1

<400>     1559

acgaaatgaa acttgcttct ttgatttctg gtttcactga ttacactcac ctcctctcta     60

ttaaggacaa tgtgatgagg gaagagaaga caattcctac aaggaagaat gaagtgaagt    120

ttttcaagag cttggctcct cctcttgtgg ctgctttttct agtcttatct ccaatttgca   180

gcactccagt ttcaagtgct caaaccgtag atattcagag aggaaccaca ttgtttcgtc    240

566

```
<210>      1560
<211>      242
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958508H1

<400>      1560

agacacgcga atggaggaaa ctcatgaacc tgttaggaac aatccccttc ccattgctcg    60

gcgctaccaa gatcagatgg ttccaagcat cacttcttcc ttgttgagag tggaagagga   120

agaaacgtct tctgatcttc gaaactcagc agaagagagc agcagagctg aagtgccagt   180

aactgcaaat gcacaacaaa atgcaggagt tgcattgaac gaacggatgt tgcagaccac   240

ta                                                                  242


<210>      1561
<211>      239
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958510H1

<400>      1561

caaacacaaa ccgaaaaggc gaaaggggtt ttccgagtga gatctagggt ttccatcgat    60

tcggagagag gatattgata gaacgacctc aacgagcaag gtcaggaggt ggagtactag   120

aacatggatt cggtgccttc gaattcgcat ggaaacctcg atgagcagat ttctcagctc   180

atgtagtgca aacccttgtc cgagcaagag gtaagggtct tgtgtgataa ggcaaaaga    239


<210>      1562
<211>      238
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958512H1

<400>      1562

aaacggatct cttcttcagt ggtggaagct actagaacac tagtttgttg agcactgcga    60

tgaggaagtg gacggttgct tccgctctcc ttcttctctc tctcctcttt ctctttgcag   120
```

atcaaggtcg aaagtttcag gcgaatgccg agggagattc cgacgagctt gtagatcctc   180

cgaaggtgga ggacaagatc ggtgctgtgc ctcatggcct ttccaccgat tcagatgt   238

<210>   1563
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958513H1

<400>   1563

ctagggtttt aggaaaagac actgtctcgc gagtgaacac aggttacagc aatggctttc   60

tttggtagaa ttgggaattt attaagacag acagcaagca ggcaggttag ttcagaattg   120

cgatcatccc cttcgttttt tcaggctata cgcagtatgt catctgctcc aagcacaaag   180

ctgtttatcg gaggtgtttc atattctact gacgagcaaa gtttgaggga agctttttc   239

<210>   1564
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958516H1

<400>   1564

cagagacaga aaaagaaccc cttccgttgt ttctaacccg ctactttccc gagaaaattc   60

cccgagaaag gggaagaaaa acaccaagag aaaccctaga aagcaccaaa atccaaaaca   120

aactcaatcc cgatcccgat ccgatccaac gaaatggatc attacaaggt tctcggcctg   180

caccgaaccg cgaccaagga agagatcaaa gcggcgttca agaagctagc gttccagttc   240

cacccgg   247

<210>   1565
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958523H1

<400>   1565

ctcgcaagca aaaagaaaga atcccaggcg aggagaaaga tggaggggaa ggagcaggat   60

gtgtcgttgg gagcgaacaa gttccccgag agacagccga ttgggacggc ggcgcagagc   120

caagacgacg gcaaggacta ccaggagccg gcgccggcgc cgctggttga cccgacggag   180

tttacgtcat ggtcgtttta cagagcaggg atagcagagt ttgtggccac ttttctgtt   239

<210>   1566
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958524H1

<400>   1566

gtcccaaaga gctaacaaga gattcaagac cggcatggct aatgaagagg aacagaaaaa   60

ccacctcttc ggcatcaaag atctcggtca caagactctc cttcagagtg atgcactcta   120

tcagtatata cttgaaacca gtgtctatcc aagagagcac gagtgcttga aagagatacg   180

caagatgact gcaaaacacc cactgaacat catggcaaca ccagcagacg aaggacaact   240

t   241

<210>   1567
<211>   233
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958543H1

<400>   1567

ctttgaggaa actctcattg tgcaattata ggattcgtag tgccttgaaa ccatctggac   60

ttggacttgt gctcttgtag tttgatacta ttcagttttg gtttcactat gtaattggta   120

aaaccattca tttgttttgt tttattagct tgttgtttca acattatttc ttgttccttt   180

caaatattgg caattaacat attaggtttt cagggtatgt gagagcccat ctt   233

<210>   1568
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958556H1

<400>   1568

```
ataaccctaa gcttcaaacg ggtaagtgtc gctgggactt caatggcagt gaccgaagct    60

caaaatcctc ttcttggaga aaacacatgt ggttccttgt taaaaaagct tcaggaaata   120

tgggatgagg ttggtgagag cgatgagcaa cgagacaaga tgcttcttca gttagaacag   180

gagtgcttgg atgtgtacaa gagaaaggtt gagcaggctg caaagtcaag ggcgc         235
```

```
<210>      1569
<211>      231
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958560H1

<400>      1569
```

```
agtcaggcca tgaatgagaa tagagatatt gcaaagaccc ttcttctgta ctcaaggtgg    60

acgcattaca ctgggcagaa acaaaaggaa gatgtaataa gtctttatac tagggtgagg   120

gaactgcaac ccaaatggga gaaagggttc ttttatattg ctaagtattg tgatgaagtg   180

cttggtgatg ccaggaaacg ccaggaggaa ctgcttggtg atgccaggaa a             231
```

```
<210>      1570
<211>      234
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958566H1

<400>      1570
```

```
aatgggtcca attccttcct atggtgcagg ttcccacgtt cttcttttcc cgttcatgtc    60

caaaggtcac accgtacccc ttatccactt ggcccaaatc ctcctccgtc gttccatatc   120

ggtcaccgtc gtcacaaccc ctgccaacca ctcattcatg ccgaatctc taaacggcac    180

cgtcgcctcc atcgtcacgc ttccattccc caccgccacg aatatccccg ccgg          234
```

```
<210>      1571
<211>      232
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700958582H1

<400>      1571
```

570

```
ctttattctc tcacacaaaa taatggntgg agaagcttgg caacacgtct catgatcctg   60

aagtgagaaa ggggccatgg acaatggaag aagacttaat cttgatcacc tatattgcca  120

atcacgggga aggggtttgg aactctttgg ccaaggctgc tggacttaaa cgtaccggaa  180

agagttgccg gctccggtgg ctaaactacc tccgtcctga tgttagaaga gg          232


<210>      1572
<211>      230
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958586H1

<400>      1572

gatcgatcga acaagtgaat tagctagaag cattgaagga cgtagctgct atggctcgag   60

gaaagatcca gatcaagagg atagagaaca ccaccaaccg ccaggtcact tattctaaac  120

gacggaatgg cctttttcaag aaggccaacg agctcaccgt tctatgcgat gccaaggttt  180

ctattattat gttctccagc actgggaaac tccacgagta catcagcccc             230


<210>      1573
<211>      227
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700958592H1

<400>      1573

cagcaataag ttcaggtgga aggagaagca tgttgaagct ggcacagcgc atgacgaaca   60

acttctgtgc tggtgtgtgt gcctcaacag tgcacaagtg gaacaagctg aacgcgggaa  120

acgtngggga ggacgtgang gtgatgacga ggaagagcgt ggatgacccc ggtgaaccgc  180

cggggatcgt cctcagtgcc gccacctcgg tgtggcttcc cgtctcg                227


<210>      1574
<211>      232
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958595H1
```

<400>   1574

cagcaataag ttcaggtgga aggagaagca tgttgaagct ggcacagcgc atgacgaaca   60

acttctgtgc tggtgtgtgt gcctcaacag tgcacaagtg gaacaagctg aacgcgggaa   120

acgtggggga ggacgtgagg gtgatgacga ggaagagcgt ggatgacccc ggtgaaccgc   180

cggggatcgt cctcagtgcc gccacctcgg tgtggcttcc cgtctcgcca ca   232

<210>   1575
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958607H1

<400>   1575

gcttgatcag ttcatgaccc attatgttct gttgctctgt gcctttaaag aacaactgca   60

gcagctcgtc cgtgttcatg ccatggaggc agtgatggct tgttgggatc tggagcagtc   120

tctgcaaagc ttgacaggtg atctcctggt gaaggaacgg gtgcaacaat gtcagacgat   180

gaagatgacc aggcagagag caatgccaac ttatacgaag gaagccttga tgggggtgaa   240

atcttggatt tggtcctctt   260

<210>   1576
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958618H1

<400>   1576

gcaggaacag gcttgaactg ttgaactcct acagggtttg gaaattttgc taacccaact   60

ggatatgcca tgattactcc tggtgtggtt gggggtgcaa cggctttaga agattcatct   120

cgagtcaagt acaaagataa tcttatgtcc caaatcctca ggctgagaca tcagaaattt   180

ggttacagaa tccaagggac catcctggca tgcaatctac tccatactat aacatgccag   240

ggcaaacacc tcatgcggct tacatg   266

<210>   1577
<211>   265
<212>   DNA

572

<213>   Glycine max

<223>   Clone ID: 700958619H1

<400>   1577

gagaattggg gaactcacat aatgggcacc cctgctgttc caagcagcca cccagataac   60

aaaaaagcag ctttacaaag tggacaacct caaccagttc aatactacca tgaccaacat   120

caacatccct acgtgcaaca tacccagttg acaaaccaag caacagtccc atggagtcaa   180

tccttaacat gttcgattca tggagcaaaa aagctgaagc caccgcacac aacgtctggc   240

acaaccttaa aactggtcca tcagt   265

<210>   1578
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958623H1

<400>   1578

caaaaggtct tgaatatcta tacaaggaca tgccaagcct aattgcaccc catggaaatc   60

tcaagtcctc taatgttctc ttgactgaat cattcgagcc actcctcaca gactatggct   120

tagtcccagt gataaaccag atctggctca ggacatcatg gtgatataca agtctcctga   180

gtacttgcaa caaggaagaa ttacaaagaa gactgatgtg tggtgccttg gaatactaat   240

tcttgagatt ctaactggg   259

<210>   1579
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958632H1

<400>   1579

cgagccactt attgtgagag acgggaacag aaggctaatg caagacatag attgtggtgg   60

gttgtgcaag acgaggtgca gtgcacattc gagacccaac ttgtgcacta gggcgtgtgg   120

cacgtgctgt gtgaggtgta atgtgtccca cctggcacat ctggaaatag ggaactatgt   180

ggaacttgct acactgatat gactacccat ggcaacaaga ccaagtgccc ttagagaaaa   240

573

aacccattgg gaaatttgtg ctt   263

<210>   1580
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958648H1

<400>   1580

cgccttcatt gtttgcttgt tgatgaagaa aagaaagagc gttagggttc ttcgtagtct   60

tgtctattct atgtaatctc attgaatttt aaatgtgaag aactttctta ggttttattg   120

tttgacagat ccgtattctc tttccttcaa aatttcgaag aaattaataa tttacgggat   180

gtatatctgt tcttcgagat ctttagattg aattgtgcaa atatagtacc aacatcccac   240

cggtagttgc acgagtagg   .   259

<210>   1581
<211>   201
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958682H1

<400>   1581

gtttcattta tcttcttctg ctataggcta gagcgattca ccgtagaata ttacctacaa   60

gaacatgacc cggtacccat atttattatt acgtggtgtc attgctttgt agaagtggtc   120

cgcgggttat ttaacgcggt acgatgcgtg tacatctgta aatcatgagt agaagacgat   180

ttttttatatt tgtgcagaat t   201

<210>   1582
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958701H1

<400>   1582

gggaaggaga gcagatatga agcaaggaat ttacccacaa aattgaatcc tcagccagaa   60

gaagtatgcc caagtgccga atggaagtgg tctagaacta ctgtagttta tgatgcttca   120

574

tctgatcatc tcattccttt ttatcccctc tcttttttgga aacattggtt caaccactgg   180

gagttacttg caacttagag ctgcaaatat tcacaataga ccaatttctg gtttaagagg   240

agag   244

<210>   1583
<211>   249
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958710H1

<400>   1583

gcaataactc agccacagcc acaacacaca aacacaaacc cttcgttcct ctctcgttcc   60

cttcttcaat tcgatcaaac acagaatagt actttttttat tatgatggcc gtggcccgaa   120

aggaaatgga ccggatcagg gcccgtggng cccggaggag gacgaggctc ttcagaagct   180

cgtggagcgg catgggccca gaaactggtc cctcatcagc aggtccattc cgggccggtc   240

tgggaaatt   249

<210>   1584
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958718H1

<400>   1584

acaaaattga gatattgcaa gtgaaatgaa ggccaggcac atctcattct tctcttgata   60

tttctgatgg cactcgctgc aaacaaagtt tctagcagtc ctattgtgac taaaagaaca   120

gctctttgca gtcacatgaa aaacactatt tttcctcgtc aacaaggatc aatagaatac   180

agttgtcaag acatagactg gaacatggac atctgaacta tagatgtctc cacacacaga   240

ga   242

<210>   1585
<211>   244
<212>   DNA
<213>   . Glycine max

<223>   Clone ID: 700958722H1

<400>   1585

cttttttgatt cctaaattct ctaaaattcg aaattctaat ttcgttaggg gaaagagatt   60

gtttgtgtgt gagtgagtat ggctggaaaa ggcgagggtc ctgctatcgg aatcgatttg   120

ggaacgacgt actttgcgtc ggcgtgtggc aacacgatcg tgttgaaatc atagccaacg   180

atcagggtaa cagaactacc ccatcctacg tggctttcac cgacacagaa cggttgatcg   240

gcga   244

<210>   1586
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958731H1

<400>   1586

gcagatcttc gttaagacac tcaccggcaa gaccataacc ctagaggttg aaagctccga   60

caccatcgat aacgtcaagg ccaagatcca ggacaaggag ggtatccccc cggaccagca   120

acgtctcatc ttcgcggaaa gcagctcgag gacggccgca ccctcgccga ctacaacatc   180

cagaaggaat caacccttca cctcgtcctc cgtctccgtg gtggcatgca gatcttcgtt   240

aagaccc   247

<210>   1587
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958732H1

<400>   1587

gaaagaatcc caggcgagga gaaagatgga ggggaaggag caggatgtgt cgttgggagc   60

gaacaagttc cccgagagac agccgattgg gacggcggcg cagagccaag acgacggcaa   120

ggactaccag gagccgcgcc ggcgccgctg gttgacccga cggagtttac gtcatggtcg   180

ttttacagag cagggatagc agagtttgtg gccactttc tgtttctcta catcaccgtc   240

ttaaccgt   248

```
<210>      1588
<211>      246
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958741H1

<400>      1588

ggtacagcac gggtgttgga ttgggtgctg agatcattgg aacctttgtt ttggtctaca    60

ctgtgttctc tgcaactgac cccaagagga atgctagaga ttctcatgtg ccggttttgg   120

ctccacttcc aattgctttg ctgtgttcat ggttcacttg caaccatcc cagtaacagg   180

cactggcatt aaccctgcta ggagtctagg agctgctgtc atgtacaacc aacagaaggc   240

ctggga                                                             246


<210>      1589
<211>      245
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958757H1

<400>      1589

gcaaataaag cacagaacag ttgaagtgaa tggcataaaa atgcatgttg cagagaaagg    60

agagggtcca gtggtgttgt cctccacgg cttccctgag ctctggtact catggcgcca   120

tcagattctc tcttcagctc cctcggctac cgcgccgtcg ctcccgatct ccgtggctac   180

ggtgacaccg aagcaccacc ttcaatcagc agctacaact gcttccacat agtgggtgat   240

ctcgt                                                              245


<210>      1590
<211>      244
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700958780H1

<400>      1590

cgtgcacaca aaataatgga caaaaaacca tgcgactcat ctcatgatcc agaagtgaga    60

nagggaccat ggatcatgga agangacttg atcttgataa actatatngc aaatcacggt   120
```

gaaggtgttt ggattcttta gccaaagctt ctggtcttaa acgaacggga aagagttgtc   180

gactccgttg gctaaactac cttcgtcctg atgttagaag aggaaacatt acacccgaag   240

aaca   244

<210>   1591
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958815H1

<400>   1591

cagtttcggg ggaagagatc cagcagcaat ggtgtacgtc aaggctcaga aatcaaaagc   60

ctacttcaag agatatcaag tcaagttcaa gagaagaaga gagggaaaaa ccgattaccg   120

tgccaggatt cggttgatta atcaggacaa gaacaaatat aacactccga ataccgatt   180

tgtggttcgc tttagcaaca aggacattgt tgcacaaata atatctgcta gcattgccgg   240

cgatttagtt ctt   253

<210>   1592
<211>   113
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958821H1

<400>   1592

ggaagtagtc ctaatgcagc tgatgttcct actttacttg atatggttc attttcgctt   60

cttaatgttg atagaaaaac agctgacaaa ctggtgaagc cccctccaca caa   113

<210>   1593
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958834H1

<400>   1593

cttgctcagg gtcttatagc ggaaggtgtc aaggttgttg cagctggggc caaccctgtg   60

ctcatcacac gtggcattga gaagacagcg aaagctcttg tatctgagct taaacagatg   120

                                   578

tcaaaagagg ttgaagatag tgagttggca gatgtggcag cagtcagtgc agggaacaat   180

tatgaagtag gaaatatgat tgctgaagca ttgagcagag ttggtagaaa gggtgtcgtg   240

acccttgagg aggg   254

<210>   1594
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958840H1

<400>   1594

cccagaaata gagagtaagc ctgagatcat ggaaaaagtt ggtgtggctg taaatagcaa   60

aaatcaagaa tccaaagcaa cttccaccat taccattaag ggtttcatga gccttctaat   120

gaaaagtgta gatgagaatg gtgatggtag caagagagtt atttctctgg gtatgggtga   180

cccaactctc accacttatt ttcccatctc aaatgtagct gaaaaagctg ttgctgaagc   240

acttcag   247

<210>   1595
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958847H1

<400>   1595

ctccgagctc tacaccgaag aacggagcca tggggaagac acatggaatg ggagctgctc   60

gcaagctcaa gtctcaccgc aggaggcaaa ggtgggctga taagtcatac aagaaatccc   120

atcttgggaa tgaatggaag aaaccttttg ccggttcatc ccatgccaag ggaattgtcc   180

ttgaaaagat aggtattgaa gctaagcagc ccaactctgc tattcgtaag tgtgccagag   240

ttcaactt   248

<210>   1596
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958848H1

<400>   1596

tgatgttgaa gttggctgtg aagaggattc tccttatgtg cctgagccac aggcaagtga   60

gaaacaatta gaagatgctt cctttcctga tactcagctg catgaatatg tgcagggaga   120

agagcatggt catgacaaag agagtgggca aagaaaggt cgtagccggg gccggggtaa   180

gggacgtggc cgagtacatt gtcatcaaaa taatcgtgtg gaacaccct cttcaaataa   240

tacaattt   248

<210>   1597
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958851H1

<400>   1597

tattgctacc ctggctttcc cttcattcac attttgcagg gcgcttcttt ctcattgctg   60

gcaaaatggc aaatgcagcg tccggaatgg ctgtgcacga tgattgcaaa ctgaggtttc   120

aagagcttaa atcaaagagg agctacaggt tcattgtgtt caaaattgaa gaacagcaag   180

tggtggttga gaaattaggg gatcccacgg aaagttatga ggactttatg ccagttttc   240

cagctaatg   249

<210>   1598
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958867H1

<400>   1598

ccgcaacaat gcaaatgaac agaatgaaca gagaagaaca tctttatact gccttccaat   60

actttgataa agataacagt gggtttatta ccactgaaga actagaacaa gccctccgtg   120

agtataacat gcatgatggc agggacatca aggaaatcct tcaagaagtt gatggagata   180

atgatggacg cattaactat gatgagtttg cggcaatgat gagaaaagga aatccagaag   240

ttatgaca   248

<210>   1599

```
<211>        163
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<223>        Clone ID: 700958885H1

<400>        1599

cactctcact ctttccgcga gaggtttgat gnaactctca ctggtcacag gaatgaaatt    60

ttggcccttt tgtgcaaggc ttgaagccaa gggcanggga atcctncaac accaccaggt   120

ggttgcagag tttgaagaaa tccctgagga gagcagaaan ana                     163


<210>        1600
<211>        239
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700958887H1

<400>        1600

cacgatgatg aggtcaagga tagtgttgtt tggagactcc atcacggagc aatcgatccg    60

agagaatgga tggggtgttc ctcttgccaa tgcctattct cgcagggctg atgtacttgt   120

tcgtggttat ggtggataca acactaggtg ggctatgttc ttactgggcc atctcttccc   180

tctggactca actaaaccac ctactgctac cacaattttc tttggcgcta atgatgcag    239


<210>        1601
<211>        240
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700958906H1

<400>        1601

attggttgct gttgattccc tctctatatg catgaatatc aatgggtggg aagccatgct    60

cttcattgga gtaaatgcag ctgtcagtgt cagagtttcc aatgaacttg ggcttggaca   120

tccaagagct gccaagtact ctgtctatgt gacagtcttt cagtcgcttt tcttgggaat   180

cttttttcatg gctattattt tggcgactag agattattat gccatcattt ttacaaacag   240


<210>        1602
<211>        184
```

581

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958908H1

<400>   1602

ggatttgcaa agcaagtgac aaattctgta ttagtggacc ctggtatggg aggatgcact   60

gtcgagaact gggtattatt ggacccatta attgagtgct ttcggattaa ttccagtttg   120

ggtttctgtt gattacattt gcagaacggt cgatcatttt aaataaatta aaataattta   180

tagt   184

<210>   1603
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958914H1

<400>   1603

tttgacagcc gcgttttctt gttctctcgc cgctgcttct ctctccgccg ccgccggttt   60

ccgccggaat aaatgcttcc cctccaagtt ttttcattcc tcttccacgt gcatgccctc   120

ttccttgcat gatcaccact accactcttt cttattgcga gttgccaatg atgctgatag   180

gagtgaaatg tcatctgata ccgcaaccga ggcatcgtat tcagaagctg ataagatggt   240

tgatggta   248

<210>   1604
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958916H1

<400>   1604

cctattcaca aactagaaag aggagaaaag gcataacaag agagagatgg attctctgaa   60

gatgttgaaa ggttatggta aagtagaaca ccacctcgaa gatcatcgta accccaaacc   120

caaacctaaa ttctcaaaac ccttcatcgc cgcaatttcc gtcttcgcaa tcctcttcct   180

tactctcacc ttcgcattcg ccctagcatc catgctccac cacagtcacc acaccgagtc   240

acaacaacaa ctt   253

582

<210> 1605
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700958920H1

<400> 1605

cgaataggaa attgagaatt gctgctgcta atagacaagc ttccattaag atgggggagt   60

tcaccgggag tggtgagtat gtgactcacg gtgaattacc ttcctccagg ccaaatcatt   120

caaggaaagt tacagttctt cctcttgtgt ttctcatctt ctatgaggtt tcaggggggc   180

ctttcggggt ggaggatact gtgcacgcag caggtcctct gttagccctc attggattct   240

<210> 1606
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700958922H1

<400> 1606

gcagaacctc atctggataa aggagccatt tctcaaccac aggctgaggt tgatctattt   60

tcttcacaac cagccattcc tgcagttaca cctacagttg acttgttttc cattcctgaa   120

ctggcagtgc agccaaacaa caagtcggag aagtctgttc ctatgaataa cagctctatc   180

gatccctttg ctgctgttcc tcttaataat tttgatggat ctgatatttt tggtgatttt   240

<210> 1607
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700958923H1

<400> 1607

cacattttct tagctctctc caacaatccc tctcgttcac actttcagat tgtgtgaaga   60

tgggggctgg tggccgaact gctgttcctc ctgccaacag gaagtcagag gctgaccctt   120

tgaagcgggt accatttgaa aaacctcagt ttagtctcag ccagattaag aaggccattc   180

cacctcactg tttccagcgc tctgttctcc gctcattctc ctatgttgtt tatgacctca   240

583

```
<210>      1608
<211>      243
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958941H1

<400>      1608

ctttgaaaga ctgcaagttt cctgagtacc tcatgcttga ccctgggggga actgagtctg    60

agggagtttc acttatgaag gtttgcccat atacatattg ttctcttaat ggccatggtc   120

atggtcattc tcctttgcct ccattgaaga gcttcatgtc agcaaggagg catcttttgg   180

agactcagaa gaatataaag gcggaagttg cgagccctca aagatggaag gtgcccccct   240

gtg                                                                  243


<210>      1609
<211>      240
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958950H1

<400>      1609

ggtatggagg gcaaatatac ctcataccca tcttgcaact gagaaatctg accagagatg    60

gatggttgta aaaggtgaaa agataggttt tcctggtgga ggaacccact tccattatgg   120

cgctggcaag tatattgcat caattgccaa tgtaagctag ttactcctat ccggtatggc   180

actaaaataa tcaccaaaac atgaaactct tatatgactg gaaaaagtta taagtttgta   240


<210>      1610
<211>      241
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958956H1

<400>      1610

gaaaaaaagc gtttgtgagt gtgagagagt cataacaatg gttgtggaag atgcccaaaa    60

atcagccatc acggaggacc aaaaccctag cagggtcgcc aacgacaaca acgacgacga   120
```

agatctcgaa gagggggaga tccccgacga cggtgacgac ggcgcctccg ccacatcaaa   180

gcctccgtcc gccctcgtcc gcaacccccca ccctctcgag aattcctgga ccttctggtt   240

c   241

<210>   1611
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958965H1

<400>   1611

agaatgaagc ggagggtgaa gaggaaagtg cctgaagcta actccaacac tatgataatc   60

attcggatac aggggtgagt gaagaaaaaa gacatgcatc ctaggactag gaaggtgttg   120

tacagcttgg ggttgaggag aaggttcagt gctgtgtttg tgaagccaag tgagggaata   180

atggccaagc tgcagagggt ggaaccatat gtcacctatg gatatcctaa tcttaaaagc   240

ata   243

<210>   1612
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958971H1

<400>   1612

ttcttttttat tttgtcaggt ggcggcctta tgatgatcca accatcaagt ctaaaatcga   60

cttgtctgac aaagacatta gcaagaaaaa tcaagcccgg tttcagatca ctgaagcact   120

gaaggcaaag cggtcagaac gagccgagtt gatttctcag gtcaagtctc taagaggcga   180

cagtaggcaa tttcagagta ttgtggatga gaaattgaaa gagattggac ctctgc   236

<210>   1613
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958973H1

<400>   1613

gaagaaggtg ggagatggag aagccacaaa acggagaaga aaaggaagaa accacggcct   60

ctttctgcgg ttacgattct cttcaccgtc ttctcaagga taatcttaac ccccatcact   120

tccaggaagt cagccgtttg cttactgggc ttaattgtgg aaaagcactt gaagcagttt   180

ctctcccaga atctgcaact tccctctctg cggaacatgg ttttgacatc caggcctttt   240

<210>   1614
<211>   118
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958976H1

<400>   1614

gcttcagggg tgtagatctt ctcctgtttt tggagacttg agtgtttgag ctagtagttg   60

aagttgtaca attatttttt gtctttattt ttctattaat ggatcctgtt tttaacgc   118

<210>   1615
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958980H1

<400>   1615

cttcttcttt tacgttcatt ctgttttcat agtgaggatc ttctgaagaa atggcaaatc   60

accctttgac acactctcac tctttccgcg agaggtttga tgaaactctc actggtcaca   120

ggaatgaaat tttggccctt ttgtcaaggc ttgaagccaa gggcaaggga atcctgcaac   180

accaccaggt ggttgcagag tttgaagaaa tccctgagga gagcagaaag aaactccaag   240

gtggtgt   247

<210>   1616
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958982H1

<400>   1616

aaacaaaaca aaatgtaaga gagagaaaag aaaagaagaa ggaagcccca acccgataat   60

586

catactcgta cttgagatga tattggataa tctcaacctc aattttcctc aataaacaat   120

cactttcact tttttttctct cctcttcatt tctgaactca tccccatgga tcctttgat   180

ttgatacgcg aagggtttgg ttgaggctga ctggacatgt gctgttacta cttttaaa   238

<210>   1617
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958985H1

<400>   1617

gatttgcaga gggcgtttcg tgatgatgcg tggaggaaca ttgtgcctgg ccttcctgct   60

gttattctca ggtgtacgtg taggctcgcc aacgctgtct ctgctggcac cattctcgct   120

tctagacagg tgagaaggaa gcttgtagaa gattggttgc cggttttggt tgtatgcaaa   180

gataatgttt caccaatatc acccagcaac aaatcgttgt atctggaact ggaag   235

<210>   1618
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958992H1

<400>   1618

gagaagtgca aaaacagtgt aaaaaaaagg aaaagaaaac caatatgaag ttcactataa   60

tcacaatatt tttctcttta tttctacttg actttggttt tgcacaacag ggggatcttg   120

acatatcaag atttggagga aaaccaaata caaatatagg ccaggctttc ttaagtgcct   180

ggactcaagc atgtgcatca ccaactgctg tcaaaattgt gattccagct ggcacatacc   240

<210>   1619
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958993H1

<400>   1619

gagataacta gaaacagtgt gatgaaaatg aaggtccttg ttttcttcgt tgctacaatt   60

ttggtagcat ggcaatgcca tgcgtacgat atgttccctc tccgaatgaa cactggctat   120

ggtgcccgta ctccggaggt gaaatgcgca agttggaggc ttgctgtgga agcacacaac   180

atctttggct ttgagaccat tcctgaagag tgcgttgaag caacaaagga atacatccat   240

g   241

<210>   1620
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958995H1

<400>   1620

ggcaaatctg cattgcgatg gcgcctccga agctcttcgt ctttgcgctt tctgtaaccc   60

taattttcgc catcgttggg gccgaagccg atatttccat cgaaggaagc actccagagc   120

ctgatacctc cgccatcagg atccaattag atcaactcaa ttccaagatc caaattctcg   180

agtctcaaat cagcgaaaag ttggaagaag tgaagaagaa ggacgaaatt atagcagaaa   240

aaga   244

<210>   1621
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959005H1

<400>   1621

cttggagggg tcattcagaa acttcaagac actagggagc agcgcataga agaacctatt   60

ctttacatta agatgcaaat agcaatattc aagcttgagc aaggtgatca aaaggaatgc   120

aagaaacttc tagaagatgg gaagagtaca ctcgacagca tgacagatat tgatccatct   180

gtatatgcta gctattactg ggtatcatct cagtttcata agacatgcca agaatttgct   240

gagttctaca aaagtgccct t   261

<210>   1622
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959007H1

<400>   1622

cttgaatttt tcaacaacat cctccgtgag aagctccact cctttctcct tagccgtctg   60

atatgctgac catgatctta tgtaggtcaa gaaatcatcc aaatccatca ttgtttccgt   120

cacaaactca aagggtcctg tgtgatcagc tccatccacg ggctcaaatg gaaaatcaat   180

gcttctataa ttgtcatcaa cccatttacg agctgggtcc caataagggc ttacattagt   240

ggaatagaat tggtcaaaga   260

<210>   1623
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959018H1

<400>   1623

gttttctatt tgtccaccgg attacaattg ggcaaaaaag aattttgaaa tacaaggtgc   60

agcaatgatg aaaaatattc taaatgaggc tcgaaccaca atgaataaac caaattgggt   120

caaagacgat gtttgggaga gattatgtga gcattggaaa tctgaagaat taaaaaagaa   180

gagcacccaa gctaatatga gtaaagagac tggcaccctt cctactccat ggacttgtt   240

tcgtctcaag catcaacttt ca   262

<210>   1624
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959046H1

<400>   1624

gtacttcctt aatttgccac cctaacctac tgcattatta ttctcttccc cttaatttct   60

atctccaatc cctcagcaaa acgcagcaaa tgggtcggct taatctccta cttgtgtggt   120

cactctcatt aacactgtcc ctttattatc tacacccaat ctctgctcag ctcagtccaa   180

accactatgc taaaacatgc cccaatcttg aaagcatcgt tagacaggcc gttaccaaga   240

agttccaaca aacctttgtc accgt   265

589

<210>   1625
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959050H1

<400>   1625

tctagagcta acttgcctga tcgcagtatt ctggataaaa aggatgaaaa agatacatca   60

aaaactgctg ctatgatttt acaatatgaa tatgaagatg agtatgacga ctcttttgat   120

gacttgggtc taagtgtagc agactctgga gtagaagaaa atgagacatt gagcgaccaa   180

ataacgcaaa gtcagggaat tcgtgggcaa caggggggtaa ctctgtcaaa aatgcccctg   240

attcaaaatg gggctcca   258

<210>   1626
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959063H1

<400>   1626

ggaagaagac aattcaacta cgagttttac cccaagacac aagccaagaa tacttacagt   60

ttaccttttc ttgctcaaac caacgacgct aacgctgaaa acaatctcta cccgtttgtt   120

tttctaaacg tcgatggcaa ccttttatc tttgccaaca accgcgctat cttgttcgat   180

tacaataaga acagtgtcgt gagaacctac cctcaaatac ccggtggaga tccacggtgt   240

tatcctagca ccggttccgc agtt   264

<210>   1627
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959072H1

<400>   1627

ataggatgga gggggttgag agcaaagaaa gagaagtgat ggtggcaaaa ccagttgcag   60

tgggtgtcag tgatttgctt ctgaggctgt tggccttcac agtcactctt gtcgctgcta   120

590

tagtcattgc ggtcgataag cagaccaagg ttgttcccat tcagctttca gattccttac 180

cacctttgga tgttcctctc actgctaagt ggcatcaaat gtctgccatt gtgtactttc 240

tggtgaccaa tgc 253

<210>   1628
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959082H1

<400>   1628

ctgaaatttc cgattcggga tggagaaata cgagctcgtg aaggatatag gatctgggaa 60

tttcggtgtg gccaggctca tgcgacacaa agacaccaag gagcttgttg ccatgaaata 120

cattgaacgg ggtcacaaga ttgatgagaa tgttgcgagg gaaatcataa accatagaag 180

tcttcggcac cccaatatta ttcggttcaa ggaggtggtt ctgactccaa cccatctggg 240

tattgttatg gagtat 256

<210>   1629
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959083H1

<400>   1629

atggatgagt gggtgcagaa ccctactgca catacagcct tggatgaaat tcttccttgt 60

gtggataatg caactgcgca ggaaaccttg tttcgaacca gggatgtgac acaccaactt 120

gctaacttac ttggcaacat tgtttccaat gtcacaaata gaaatctccc acctgctgct 180

ggacccttgt attacaatca atcaggcccc ttgatgcctc ctctgtgcaa tccatttaac 240

aatgatctca caaatc 256

<210>   1630
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959098H1

591

<400> 1630

ctcacagata cagaacctgt ctcccttctc tagtgtaatg gcttatacaa attctttgcc 60

cagtgcactg ttggcttcaa ctgttcaaac agcaagggag gatatcccat actcaccctt 120

ccctgcaaca caatcaatgc ctgcaaaata tagcaatatt gcttcttcaa ttggtggtcc 180

cactataaac atgtcagagg ctctaagggc aaataacatt tcaacacctc aacctaatcc 240

acaagccctg cctggtg 257

<210> 1631
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700959094H1

<400> 1631

caatgacaag ggtagattgt caaaggaaga tattgagaag atggttcaag aggctgagaa 60

gtacaagtct gaggatgaag agcacaagaa gaaggttgag gccaaaaacg ctttggaaaa 120

ctatgcatac aacatgagga acaccgtgaa ggatgacaag attggtgaga aacttgaccc 180

ggctgacaag aagaagattg aggatgcaat tgagcaagca atccagtggt tagacagcaa 240

ccagcttgca gaagcagatg a 261

<210> 1632
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700959106H1

<400> 1632

ctctagcgtg cacacaaaat aatggacaaa aaaccatgcg actcatctca tgatccagaa 60

gtgagaaagg gaccatggat catggaagaa gacttgatct tgataaacta tattgcaaat 120

cacggtgaag gtgtttggaa ttctttagcc aaagcttctg gtcttaaacg aacgggaaag 180

agttgtcgac tccgttggct aaactacctt cgtcctgatg ttagaagagg aaacattaca 240

ccc 243

592

```
<210>      1633
<211>      127
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959129H1

<400>      1633

attacaataa ttatcaaacc taaccagtaa aaatggtgac cgtggaggaa atccgcaacg   60

ctcagcgttc ccatggaccc gccaccatct tggccttcgg caccgccacg ccgtccaact   120

gcgtctc                                                             127


<210>      1634
<211>      153
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959153H1

<400>      1634

caggagagaa aaattttccc attttatccc ttcagcttgc ttcatttgca ttcgacttgg   60

gttaacagtg acctagagag agaaaaaaaa gaaaagaaaa agatgtgatc cggtgcgtcc   120

ctccaaaatt gaggcagaaa gaggatagaa gtg                                153


<210>      1635
<211>      120
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959159H1

<400>      1635

gagatggcaa agaatgtggg gattctcgct atcgacatct acttccctcc cacctgtatt   60

cagcaggaat tgctggaggc tcatgatggt gccagtaaag ggaaatatac tattggactt   120


<210>      1636
<211>      121
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959161H1

<400>      1636
```

ctgattctga ggaggagctg aaagaggcat tccgggtttt cgacaaggat cagaatgggt 60

tcatctctgc tgctgagctc cgtcatgtga tgaccaacct cggggagaaa ctcaccgatg 120

a   121

<210>   1637
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959180H1

<400>   1637

gtgactatcc ggagagtatg aaatcttcag taggttctag gctcccaaaa ttcacaaaag 60

ctgaatctga aggtctaaaa aattccatag attttcttgg tgtgaattac tacaccactt 120

attatgcgga acatgctgaa cctgtcagtg ccaaccgaac cttctacaca gacatactag 180

ccagtctcag tacggaaagg aatggtctac atgttggaac cccgactgat ttgaa 235

<210>   1638
<211>   233
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959188H1

<400>   1638

caaaaaagaa aatgatgctc ggagagcacc atcgcgcgaa tccaacggtt cacgtgccac 60

cgtggccaac ccacgacgat ccaacggccg agatgtactc cgcgtttta acaaacgacg 120

tcaatgctgg tgagtactct ccgtactatc ttcaagaagc actaacggct ctgcagcgtt 180

ttctgccgtc taacgaaacg gacgctgact cggacacgga ggctcaaccc gac 233

<210>   1639
<211>   118
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959196H1

<400>   1639

gacaaaccca acattgtcac tggagccaac gttcaggttt gctgggagaa atttgcaagg 60

tactttgagg tggagttaaa ggaggtgaag ctccgtgatg attattatgt aatggacc   118

<210>   1640
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959201H1

<400>   1640

ccccggttca gctcggcgag atcacggcgg aggagctcaa ggcctacgac ggcaccgatc   60

ccgagaagcc cttgctcatg gccatcaagg cccagatcta tgatgtctcc cagagcagga   120

tgttttatgg acctggtgga ccttatgccc tatttgctgg caaggatgct agcagagcct   180

tagcgaagat gtcttttgaa gagaaagatc tgactgggga tatttctggt ctcggcccat   240

tcgagattga tgccttacaa gactggga   268

<210>   1641
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959203H1

<400>   1641

cacctcctta atatccatca ctgcctagct agctagctcg cacatttaat tatattacac   60

atattttgct agccaagaaa tactatcatt gaatatatgg ggagtgtaga ttatgagtac   120

cctttaggca tgaacaacgt tgagagagtg caccaagtgg aggttccacc acctcaaccg   180

tttttcaagt ctcttaagta ctctttgaag gagactttct tcccagatga ccctttgagg   240

cagttcaaga acaagccagc ttcc   264

<210>   1642
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959206H1

<400>   1642

gtgcagtata gaatgcaccc ccagattcgg gatttccctt ctaggtactt ctatcaggga   60

cgccttactg atagtgaaag tgtggctaaa ttgcctgatg agccatacta caaggaccct   120

ttacttagac catatatatt ctatgacatc agacatgggc gcgagtctca cagaggtgga   180

tcagtgtctt atcaaaacat acatgaagca caattttgtc tccgactgta tgagcatgtt   240

cagaaaacag tgaagtcttt gg   262

<210>   1643
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959210H1

<400>   1643

agcgaggtag ggttttcgtt gttcccccgt ctttgaattc agttcgcgac gatggggtcc   60

atccccgatc caggcgagtt gagcgagttg actcagccga gcttcgacga gttccagcgc   120

caaacttccc tcatgaccag ctgcaccctc ctctggaagg agctctccga ccacttctcc   180

tccctcgagc aagacctcaa ccacaaatcc gaagccctca acgcaagat tcgcaccctc   240

gacaacacta cttccgac   258

<210>   1644
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959212H1

<400>   1644

atgacaagga gtttattgta tgctctcttg atttgctttc tggactagca gagggtcttg   60

gcagtgggat agagagtttg gttgcacaat gttctttgag ggacctactt ctgcattgtt   120

gtgtggatga tgctcctgat gtaagacaaa gtgcctttgc cttacttgga gaccttgcgc   180

gagtgtgctc ggttcatttg gactctcgtt tgtctgagtt tcttgaggct gcagccaaac   240

aactggagat ttcta   255

<210>   1645
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959218H1

<400>   1645

tgaagttgag caacccgttt ttcagtctca ggagaaggat gaaggaactg caaattttca   60

aggacatgga tctgaagaag atctgtctga tcatgaggga gagcttcaga aggatgaagt   120

agaagcagaa aatgcaggtg aagtggtgtc agctcaacat gaacaggcga accaacaagc   180

agatgtagag tataatgagc gagatgtaga ggcaaaggac cagcagtcat accccaggag   240

gggttatcag aaccatagag gtgg   264

<210>   1646
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959219H1

<400>   1646

tggaaaactc cacagaatct ttttctcctg tagcacttaa agaatttgga gagaagagac   60

aagggactgc aaatggctgt agactcttta ggattcagtt acatgacaat tctaattcta   120

atgaagaaag tctaccaatg gtcactttgt caggaaggat gggtgatgat ggccccttc   180

catctttgga tgctgagtct gaccagcatt ctgaaccatc aaatgttaat cgatctgata   240

tcccttcggt aagctgtgat gc   262

<210>   1647
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959224H1

<400>   1647

cttttacaat ggagatatgg aatagttggt gggttttgca aattatgcaa tttctgggtt   60

tttttagttt ttggatttca tttgcaaagt ttaggacttt attctcaaga gcttttggtt   120

atggccacaa ggttgtgaag ggtgactgca gtacttggat ctttgtttcc ttcaatgggt   180

tggtcacagt tggttctttc atattcttcc tcttggtcct ttcctgggct tatttatacg   240

catttcccag ttctcaa   257

597

```
<210>      1648
<211>      215
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959226H1

<400>      1648

atttcaactt ggtaatggag ccttgctagg agcaagttat attcagagtg tgacacagca    60

tttatcattg ggtggggagg tattttgggc tggtcagcat cggaagtctg gtattggtta   120

tgctgctcgc tacaacactg ataagtcggt tgctacaggg caagttgcta gcactggaat   180

ggttcttcta agctatgttc agaaggtatc tgaga                               215


<210>      1649
<211>      255
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959227H1

<400>      1649

aaaaaaagtt gtgctgtgcc gcctcttccg taggcagcag caatggcctc aaatcccaaa    60

actttgacct ttgaggaggt agctaagcac aacaacaaaa aggattgctg gattattatc   120

aatggaaagg tgtatgatat cacaccattt ttggatgagc atccaggagg tgatgaagtt   180

ttgctgacgt caacagggaa ggatgccacc attgattttg aagatgtggg ccacagtgat   240

tctgctatag aaatg                                                     255


<210>      1650
<211>      264
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959232H1

<400>      1650

ggaaatcttc attctttgtt ccatcaacag atggctatgc caaagcaggt gtgaaatgga    60

taggctatga gcctcgttgc acaccatact ggccgcatac tcttctttgg gctgtggcat   120

tctcattgcc cgagtttgtt gttgatgctt ggcgcctgtg gttttgcttg ggtattcgaa   180
```

agaggggaca gcgcaaagag tccatgaaga aggaataaaa ggatgcttgg ttctgatgtg   240

taggccaata gacgctactc atct   264

<210>   1651
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959242H1

<400>   1651

gctatagtaa gctacactta tttgaggttg gagaaatatg gctaaagatg ttgaggttca   60

agagcaagga ggagagtact ctgcaaaaga ctaccatgac cctcctccag caccccttgtt   120

cgacccagag gagctcacac agtggtcctt ttatagagcc ctaatcgctg agttcatagc   180

aacccttctc ttcctttatg tcaccgtgct caccattatt ggctacaaaa ggcagactga   240

tgccacgcta ggtgg   255

<210>   1652
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959249H1

<400>   1652

gagaaaggga gaaagggtgt gagaatggag agcaaagagg aagatgtaag ggttggagca   60

actaagttct cagaaaggca accaattggt acagcagctc agggtgacaa ggactacaaa   120

gaaccacccc cagcaccttt gtttgagcct ggtgagctaa agtcatggtc cttctacaga   180

gctggaattg ctgagtttgt ggccactttc ttgttcctct acattaccat cttaactgtc   240

atgggtgtca acaggtcacc ctc   263

<210>   1653
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959259H1

<400>   1653

599

gtctgcttca aatcttccgg atggtgctgg gcgttctttt gctacgtcat tctctggttc   60

tattcaggga ttgcacaaca ttcatgggaa ctttaatgta cccaatatgc ccagtacact 120

cacatcaaga aactcaacaa taaatagtgt tccaactggg ggaggagttc agcaaccttc 180

ggcaagcctt tctagtggaa gatttgcatc aaataatcta cctgttgctc tgtcacagct 240

atctcatgga a   251

<210>   1654
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959263H1

<400>   1654

taaagacaaa tgtgattggc acactgaaca tgcttgggct tgcaaagcga gtaggagcaa   60

ggattttgct tacatcaact tcagaggtat atggggatcc tcttgtgcat ccccaacctg 120

aaagttattg gggcaatgtt aaccctattg gagttcgtag ttgctatgat gaggggaaac 180

gggtggccga gacattgatg tttgattacc ataggcagca tgggattgaa atacgcattg 240

caagaatctt taacacata   259

<210>   1655
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959264H1

<400>   1655

gtagaatgta aggaagttgt ttctgaatat ggagaattgt tatgggatct cttggtatca   60

ggggtacgac ctgatgatgt atgctcacag gttggtttat gtttcaaaag ggctaaatca 120

gagaggttag gatttggtct tttaaatttg taagaagcat tttttatata tcaatgtttt 180

gtatgctctt tttgtcatat ttgattcagt atacttcgat tgagtaatga tttaaagatg 240

tttgatggat gcttaataat tc   262

<210>   1656
<211>   254

<212> DNA
<213> Glycine max

<223> Clone ID: 700959283H1

<400> 1656

ctacactgtg ggagagtacc ttctcttggc tgctgttagt gcactgcaag tcatatacat   60

caggcgcctc ttcagcaagt cagtggccta caatcgtgtt tgagtcccct tcatgattaa   120

cgttatggtt tccttcatta gcaacaggat taggtttatt acatatgcgt tctctattca   180

acagtacgat tacaatccct tggtgaacac ttttttttctt ttcaagagag actccacttg   240

tatgttgata ccca   254

<210> 1657
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700959291H1

<400> 1657

gccgaacctt ggctgattac aacatccaaa aagaatctac cctccacttg gtgctccgtc   60

tgcgcggtgg tatgcaaatc tttgtgaaga cccttactgg aagaccatt actttggagg   120

tagagagctc agacacaatt gacaatgtga aggcaaagat ccaagacaag gagggtatcc   180

caccagacca acagaggctc atttttgctg gcaaacagct tgaagatggc cgaaccttgg   240

ctgatta   247

<210> 1658
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700959292H1

<400> 1658

atcagaaagg gctttctcat aaacgagtta gaaaggccaa ggagaagaag tcatcagatg   60

ttgatagggt ccctgaaaag aatatcaaat gcttatcttg tggtgcaaat gtcttgatta   120

ctcttggtga taagggttgg agagaatccg gggcccatgt tgtactagag ctgtttgacc   180

acaatgagtg gagactttct gtgaaacttc taggaattac taggtattca tacaaagcac   240

601

atcagtt

<210>   1659
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959295H1

<400>   1659

cagtgcttcc cttgaagctt ttcgagattg tgctctccag gatctttact tgggagagta   60

tgatggtgtt aatgataatt ggatgggtgt catctcatcc cagggttcat ctttgctttc   120

tgtagatctt tctgggtctg atgtcactga ttttgggctg acatacctta aagattgtga   180

aagtctcatt tccttaaatc taaattactg tgaccaaatt tcagatcgtg gactagagtg   240

tatcagtggt ctgt   254

<210>   1660
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959296H1

<400>   1660

aaaaccggtt tctcttgtca caccaaatgg accgacccgc cgccatattt tccgacaccg   60

tcaacctcaa cggcacggtg acgcagctgt ctctgctcgc cgacgggagg ctgtggtggc   120

cggagggcgg tcaacgcaat ttgagcatcg agaaagaggt tctcgggttc accggcgacg   180

gtcccgatat aaggctcaaa acaatcgtgg aaaccgaaga tggatgctgt ggcggtgcaa   240

gcagagcaaa actagtccg   259

<210>   1661
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959309H1

<400>   1661

gacttgatga aattgcagtt gtcaggcatt gatgaaaccc agcaaccatc atcatctctt   60

atctacccaa ctggaaaatt caacatccca aagcattttc tgtattttgt tcaagattcg   120

gcccttttctt caaagatcac ggttcatcca gatggtcaaa tgacatttat gggtaccgca   180

attgagttga aagatcttct ctctgtagtt gctgagtcat gcttatcaaa atggtcacga   240

agggatgaaa agcaatctat gc   262

<210>   1662
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959312H1

<400>   1662

ggtgattata ggtcctgatg gtaaaacaat aaccgtacac gggaggagtt tgataaactt   60

gtaccaagag aatgcgtacc ctttcaccaa ggccaaagtg gaggagctgg agaaacagct   120

ggaggaagag gccaagggtc ttccagcatt ggtgtatcac caagggcatc gacatgatct   180

gaatttggtg tctgatggaa atggtggagg gcccttttatc tgctgcgtgt gtgatgaaca   240

agggtctagc tgggcc   256

<210>   1663
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959318H1

<400>   1663

aagaagagga gatgaatggg tcatagttaa gcctgtccca aatgcattcg tcatcaacat   60

tggtgaccaa attcaggtgc tgagcaatgc aatatacaag agtgtagagc acagggtgat   120

tgtgaactca aacaaagatc gtgtgtcctt ggcattgttc tataatccga gaagtgattt   180

actcattcaa cctgccaagg agcttgtgac agaggagagg ccagccttgt actcaccaat   240

gacctatgat gaatacaga   259

<210>   1664
<211>   253
<212>   DNA
<213>   Glycine max

<223> Clone ID: 700959329H1

<400> 1664

cactttttcta ctttgagtct tcttgatcct tctttttctc cttgaactca aacatggcag   60

atgaggtggt tctgctagat ttctggccaa gtccatttgg gatgagggtc aggattgcac   120

ttgctgaaaa gggtatcaaa tatgagtaca aagaagagga cttgaggaac aagagtcctc   180

ttctcctcca aatgaacccg gttcacaaga agattccggt tctcatccac aatggcaaac   240

ccatttgtga atc   253

<210>   1665
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959333H1

<400>   1665

atccctggca aaagcttttg ttgtaattgc aaaagaaagt aataatctcc aatttgcttg   60

ggaattaagt gcccagatcc acaattcgca gatgctcctc tcgaatgcag ccactaggcg   120

tcttcctta acaaccaggg aaacagaaag ggctatccat gatatggcat tattgttata   180

ccaggcccag cagctccatt atgatagtgc aaccatgatc atgagattca aagcaaaaat   240

tcaagctctt gaggaacaga tg   262

<210>   1666
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959334H1

<400>   1666

ggaaagtctt acccaaccgt gagcgctgat taccagaagg ccgttgagaa ggcgaagaag   60

aagctcagag gcttcatcgc tgagaagaga tgcgctcctc taatgctccg tttggcatgg   120

cactctgctg gaacttacga cgtgagctcg aagaccggtg gtcccttcgg aaccataaag   180

cacccctccg aactcgctca cggcgctaac aacggtcttg acatcgctgt taggcttttg   240

gagccactca aagcggag   258

604

<210>   1667
<211>   257
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700959339H1

<400>   1667

aactaactcc ctctcaatcc cctaccctaa ttcctccaat ttccccattt tttttctaat   60

taatcagatt tgcaaaatcc taatttctct atcctaacaa aaaccccaaa ttcaaacaaa   120

tccaatggct tcgattccgc gtccggcgag ttngngatct tcggagggag gaggagatcc   180

ggctgcgatg gacgagagaa agaggaagcg gatggagtcg aaccgcgagt ccgcacggcg   240

atcgcggatg aagaagc   257

<210>   1668
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959342H1

<400>   1668

ctcataacag gagcagcagg cttcattgca tcccatgtat gcaacaggat agtgcgaaac   60

taccctgact acaaaatcat agtccttgac aagctcgatt actgctcaaa tctgaagaat   120

ctcattccct cgcgttcatc tccgaatttc aagttcatca agggagacat tggaagtgct   180

gatttagtaa actacatcct cctcacagag tccattgaca ccatcatgca ctttgcagca   240

caaacccatg tag   253

<210>   1669
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959350H1

<400>   1669

ttctcaaata ctcaactcat tagcccttat cttgccctta ttcctcttca tgattctgat   60

cctaaaacta gggagaaaac tcaagagaac tgaattgtct ctaaacatac cccgaggacc 120

atggaaactg cctattatag gaaatttaca ccagcttgtt acatcgacac cacaccgaaa 180

attaagagac ctggccaaaa tatacggacc catgatgcat ctccaacttg gggagatctt 240

cacaatcgtt gttt 254

<210>   1670
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959356H1

<400>   1670

caatgcagag atcctttttcc gtgaggatgc tacagtggat gatctcatag atgtcattga 60

aggaaaccga aaatacatga agtgtgtata tgtctacaac aagatagatg ttattggtat 120

tgatgatgtg gacagattag cccgtcaacc aaattctgtt gtcattagct gcaatttgaa 180

gctgaactta gacagactgc ttgcaaggat gtgggatgaa atgggtctgg ttagagttta 240

cacaaaacca caaggc 256

<210>   1671
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959357H1

<400>   1671

cttcccttcc cttctcttcc ctctcacact agggtttacc tctcttcaca cttcacactt 60

caccctтcac acttcacaca ttgccatttg aacactattt gggaatagtg ggtcagggag 120

tttaaaggag tggtctтttc gttttcctтt gtatcctтta cgacttggga gattataata 180

tgcagacacc aaaagcaaga gttggtgctt cagaagtgcc ccaaaagaaa tctcctgcaa 240

ctcctcgaac t 251

<210>   1672
<211>   255
<212>   DNA
<213>   Glycine max

606

<223>   Clone ID: 700959365H1

<400>   1672

gaagagtggt agctccaaga caacaagatg cagatgcgat ttatttggac taaattgcct   60

attcactcga tttatttgtg agaagagtgg taaaactagt tgttgtaact ctctctatat   120

attccttcta atcttgtaag attttcgcac atatgaatta tgcaaaactt gtataagatt   180

ttcagaaaac tattactctg cgatgttgct aaagatggac tatatcaatt catctcttga   240

ggctcttgaa gatga   255

<210>   1673
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959366H1

<400>   1673

ctacgattcg ttttgcccct tttgttgccc taatttcaac catgcctcgc cgtagctccg   60

gtggaagatc tgcccgtcct gctcctcggg cagctcctcg tcctgctcca gttcaccatg   120

ctcctcctcc agcccctgct cagagtggtg gtggatctat gcttggtggc attggttcaa   180

ccatagctca aggtatggct tttggcaccg gaagtgcagt ggcacacagg ctgtggatg   240

cagtcatggg t   251

<210>   1674
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959378H1

<400>   1674

ccggaattga atagaaatag aatcgtcgat tttctctttc tctgactcta gggtttcatt   60

attttcttct gtagatccat ctatctagct tcggagctgc aaatggacgt cgcagtcact   120

gccttccggt caccgctgat catcctccga agaccggtca acgagtctgc ctcagctcgg   180

ttcggttcca cttttgggtt ttccagaaag caacggttca gttcagtatg tatccccaaa   240

caca   244

607

<210> 1675
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700959380H1

<400> 1675

gagaaaggcc aagagaagga aatgagttca cttcatcata tttttctgac tcaggcacct 60

tgcagtcatt ctcatctgtt gacgaaacag cttttgattc tcaaaaaagt tttggatcga 120

tagaggaaat gatattttcc atgtctgggt ctcgtaattc atcaatattg gacccaatgt 180

tatatactaa ggctatgcat gctagagttt cctttggagt agatggtccc cttggcaagg 240

taaaatatt 249

<210> 1676
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700959383H1

<400> 1676

gtcctcagat cacattgctc tcttagctga gtttcgctgc tgcaagaata aatctaggcg 60

ttgacagtta aggtcacttt cagtgataca taaagaaaaa gtctgaaaga agcatttggt 120

tggtaagttt tttgtaaaaa tggtagatca tgcctgtctt tttcaggtat ctccatgtgg 180

agtcattgca atgatctgct atgtatcatg tcacctttat ctcagagaaa aaaaatatga 240

ttttctg 247

<210> 1677
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700959387H1

<400> 1677

gagtcattgt ttttaagacc aagtagaagt cactttatgg gtcaagactt agcactaaag 60

ccaagagacc aaaaagacta aaacaatgat ggagtcattc aagtgttatg tttgagtgag 120

608

agtctttct aagcttacga agtttcaggg cagaagacat gcacagcttc tgattcctct   180

ccaattcatt caacttccaa ggtaggtgga ttattgttct aagaggtagg ccttgagcca   240

gagtggaaaa   250

<210>   1678
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959390H1

<400>   1678

gttttcttca tgtgtcgcga aaatggtcaa aagaatatta ctgtaagcag ggcagtaact   60

gcatggaaat tagttcttgc tgggaggttt tcactgcttc atccatggtg tgactttgtt   120

gagaagaatc aacggtacaa catctctgag gatacctggc aacaggttct agctttcagc   180

tggtgtaccc gtgatagtct ggaagcatat gatcctgaag gtgcttggcc tgtttttaata   240

gatg   244

<210>   1679
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959394H1

<400>   1679

tgaaaagggg atgcctactg cgcccattgt ctccttcaac gacgccaaat aaatacctca   60

aaacgatacc ttgacagagt tgggtattga tatttgcatt aaagttcata atctggtgaa   120

ttactgctag gggcaaggct ctgccgtcat ttgaggggtg ccctgtgaaa gttcctggga   180

tgatgcgacg tggttctggt ttaggttctg ctgcttctca ccgttctcgg gagtcccttc   240

ctc   243

<210>   1680
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959405H1

609

<400>　　　1680

tatcaactct ttcaaaaggg agaagaaaag gaaaggaaac aaaacgcaca aaggattatt　　60

atagcaatgg cagaacaaaa ccaaaaccag acaactgaag ctggaaggca ccaagaggtt　120

ggccacaaga gccttctcca ggtgatgctc tttaccagta tattctggag accagtgtct　180

acccaagaga acctgaatcc atgaaagaac tgagagagtt gacagcaaaa cacccatgga　240

acatcatgac aacctctgca g　　　　　　　　　　　　　　　　　261

<210>　　　1681
<211>　　　271
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700959416H1

<400>　　　1681

catcaatttc accatgccaa tgttcctcgt ttgttctcgt cagagctgac tatacctgta　　60

tttctgggaa ggatgctatt gggaatacct acaattctaa ttgtgaagtt ctgcagtaag　120

actctcgcaa aatggaccat tcctgtgtag cgaacacctt gggcatccca ataaaatcaa　180

ccggctatat acctacactg aatggatctg tgacaggtaa aatgtctgat aagcttaaac　240

aaggttactt gcaaaagctc ctttcccagc a　　　　　　　　　271

<210>　　　1682
<211>　　　263
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700959433H1

<400>　　　1682

aatttctgca ttgagggtaa cgtgaaggaa gcagttgaag ttttggaatt gctggaaaaa　　60

ctagatattc ctgtggattt gccccgatat ttgcaattaa tgcaccaatg tggggagaat　120

aagtctcttg aagaggcaaa aatgtacaca ggcatgcttt acaacatctg tcacctctcc　180

aagtcagcac atataataga attttggaga tgtatttaga atgtggttct gtagatgatg　240

ctctcaacat tttcaacaat atg　　　　　　　　　　　263

<210>　　　1683

610

<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700959450H1

<400> 1683

cctaaaaag cgcaagaaaa caaatcccc aaaatatctc tcgctctgaa accgccatgg   60

atttgcagca gagcgagttc gatcgcctcc tgttcttcga gcacgctcgt aaggccgcag   120

aagccgaata cgagaaaacc ctctcgacgc tgataactta acaagatggg gtggagcttt   180

attagagttg tctcagtttc agagttttcc tgaatcgaag aaaatgaccc aagaggctgt   240

ttcaaagcta gaggaggc   258

<210> 1684
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700959458H1

<400> 1684

atccccccct agctacagag cagccaaagg ggaggaataa taataagcct atattctaag   60

gccggaaaaa taaaaaagga ataacaaaaa tgtctggaaa ggtaattatc tcggctgttt   120

ctctcatcct ggtggttgag tggccatagg tgtggtggtg gccgtcaaca agaagggcga   180

ggatcccaca cttcaatctc aacaaaaatc agtaggggtt atctgccaaa acactgatga   240

ccagaagctc tgccacgaa   259

<210> 1685
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700959471H1

<400> 1685

cgccaatttc ggcgacttcg aggaggaccc ggaggcgtac aagcagcccg aggtggacga   60

gaaggacgtc gtcattttga aggagaagaa cttcaccgac accgtcaaga gcaaccgctt   120

cgtaatggtc gagtctacgc gccctggtgc ggccactgcc aggccctcgc ccccgaatac   180

gccgccgccg caacggagct caagggcgaa gacgtaattt tggcgaaagt ggatgccacg   240

gaagagaatg aat   253

<210>   1686
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959486H1

<400>   1686

agggtttttg tgatctgcaa gctacgatgg gtaagggaac ggggagtttc ggtaagagaa   60

ggaacaagac ccacaccctc tgtgtgaggt gtggccgccg cagtttccac ctccagaaga   120

gtcgttgcgc ccgtgcgctt tccccgctgc gcgcaccagg aaatataact ggagcgtgaa   180

ggccattagg agaaagacca ccggaactgg aaggatgagg tacttgcgta acgtgccccg   240

tagatttaag a   251

<210>   1687
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959489H1

<400>   1687

gtcgacaaat ttgactttgt cgtgtgcatg agtgcatacg ttggcgtggt ctttggcagt   60

gttgaaattg gcttagtcat agctattgcg atatctgtac ttcgggtact tctatttatt   120

gcaaggccaa ggcatttgtt ttgggaaaca ttccaaattc tgtgatatac agaaatgttg   180

agcactatcc aaatgcaaaa catgttcctg gaatgctaat tctagagatt gatgcaccaa   240

tttactttgc caat   254

<210>   1688
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959493H1

<400>   1688

612

ggaccttcag ttgatgaagt caccactgaa tcctcattgt tttctctgca tgccaggagc   60

agtgtgccat ctcaaccgct tgtttctgga cttagggtga gtactgctga gccagtcaac   120

ttctcttggc ttcctccagt ggcaacacct attctgctgt cacaatatct tcaattatgc   180

ctgatagagg ggatcatccc ttttcaattg ttgccccaaa tgggccacaa aggttgttga   240

ctcctgctgc tggtgg   256

<210>   .1689
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959506H1

<400>   1689

gttgttccca tcttctctct cgtaccaatc aaatcacact tttgtgttgt gttgggaaac   60

cctaaacccc gttttcggtg agatcgagat cgatcgaaca tggatgagga gtacgatgtg   120

atcgtgttgg gcacgggtct caaggagtgc attctcagcg gtcttctctc cgtcgatggc   180

ctcaaggttc tgcatatgga taggaacgac tattacggag gagaatccac ttcgctcaat   240

cttattcagc tttggaa   257

<210>   1690
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959512H1

<400>   1690

gcgcactatt caatttgttg actggtgccc caccgggttc aagtgtggaa tcaattacca   60

gcctccgact gttgttccag gtggtgatct tgccaaggtt cagagggccg tgtgcatgat   120

ctccaattcc accagtgttg ttgaggtctt ctctcgcatc gaccacaaat ttgacctcat   180

gtatgccaag agggcgttcg ttcattggta tgttggtgag ggtatggaag aggggggagtt   240

ctctgaggcc cg   252

<210>   1691
<211>   254
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700959514H1

<400>   1691

gtgcgtggga gggtccgaag ttggagatag tgattctggt tctgttctgt tcttctttct   60

actcacaaca acatcagaat cagaaacaac aatggccaac actaacttgg aagatgttcc   120

ctctctggat ctcatgactg agctccttcg tcgtctcaag tgctcttcca aacctgacaa   180

gcgtcttatt ctcattggcc cacctggatc tggaaaaggc acccagtcac caatcataaa   240

agatgagtac tgct   254

<210>   1692
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959526H1

<400>   1692

gcattccaat cgctcccaaa atctttcta atttgttcat aactcaataa ttctcatcat   60

gggctccttg attgttccag gtgaacatga tcacaaacta aagcttgttt ctcttccctt   120

tgtatcaacc agtcacctca ttcccgtagt agacatagct aggctctttg ccattcatgg   180

tgttgatgtc accataatca ccaccacagc cactgccgcc attttccaaa gctctatcga   240

tcgcgaccgt gac   253

<210>   1693
<211>   257
<212>   DNA
<213>.   Glycine max

<223>   Clone ID: 700959532H1

<400>   1693

cttttagcaa gttaacaaca cttttgtctt cgttccatta tctagttctc aattctcttc   60

accctttgcc tctgaaagaa atgggtagtc ttgaagcgga agaacaaca gtaggattgg   120

cagcaagaga cccttcaggg attctctccc catacaccta caatctaaga aacacaggcc   180

ctgatgatgt ttacattaaa gttcactact gtggaatttg ccattctgat ctccaccaga   240

ttaaaaatga tcttggc   257

<210>   1694
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959551H1

<400>   1694

gttagtatct ctccaactat gcttaatggc tcccagaata caatagatcc tgatcagagc   60

agggatattg tcaacaaaac ggctgagagg caacctgatt tagtaagcaa gggaatacct   120

cttccccttg ctatgcatgc aaacatgtct gttcctgtca gaagtgatgg cgtacttgca   180

catcctcttc agggaactgt ttctaatgca caatcaactg aatgcccaac aactagtgaa   240

ccacagaatc aac   253

<210>   1695
<211>   51
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700959559H1

<400>   1695

tgaacttaca ttatttaatn gtcgtcatcc actttaaata ttatcntccn c   51

<210>   1696
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959579H1

<400>   1696

ccacattcaa tgttgtcaag agaaagtggt gtatgtgctg agcacaccga tgccggtata   60

tatggaagac gaaactctgg atcaaacaag gaagcgttcg aaatgggaga acgacgatta   120

catttgtcgt ggacacattc tgaacggtat gtctgactct ctctttgata tttatcaaaa   180

tattgagtct gctaaggaat tatgggactc tcttgaatcc aagtatatgg cagaagatgc   240

ctcaa   245

<210> 1697
<211> 50
<212> DNA
<213> Glycine max

<223> Clone ID: 700959591H1

<400> 1697

gcttggctag tgggtaaaac aattggactc tacttctcag cggaatggtg   50

<210> 1698
<211> 225
<212> DNA
<213> Glycine max

<223> Clone ID: 700959604H1

<400> 1698

aaaggttgtt atctctgtta agtttccgtg tgtgagattt tcagaatttg aatatggcgt   60

tagggtttga gggttatagt tatacaacaa cacttggaag gaaaagggtt gtgttattac   120

acagtgaagc ttcttctctc aactccaatt caccggtgaa ttcattgaag agaatgtgta   180

gcaagaaatt cacatttgac tctgaaaggt ctcgccttga ggccc   225

<210> 1699
<211> 233
<212> DNA
<213> Glycine max

<223> Clone ID: 700959610H1

<400> 1699

ctagggttat catttctcca tttccatttt ctctctcact tttcaagaat cgtaagctat   60

gggaaagtct tacccaactg tgagtgctga ttaccagaag gccgttgaga aggcgaagaa   120

gaagctcaga ggcttcatcg ctgagaagag atgcgctcct ctaatgctcc gtttggcatg   180

gcactctgct ggaacctttg acaagggcac gaagaccggt ggacccttcg gaa   233

<210> 1700
<211> 233
<212> DNA
<213> Glycine max

<223> Clone ID: 700959614H1

<400> 1700

```
gagagaaaaa gctattacta tgtggttgac tatgcgtaaa aaagaatcag aattcagaaa    60

aaaaaagtgt acttgaactg ggattcatct gattccttaa cttgtctctc tgctgattca   120

taatctcttt taaggaagag gttttgccaa ccccaacctg cagcaaataa tattgcatgg   180

gttggtttac taagttgctt aagggatcca accgtaaatc gtcaggagga aga          233
```

<210> 1701
<211> 227
<212> DNA
<213> Glycine max

<223> Clone ID: 700959619H1

<400> 1701

```
taaaggacca cctcaccctc cccctccatt actcccactg catcttcttc aaattcctgt    60

cctgaagatg acagcaaagt ggtatctcat tgtgtgtgtt gtagcgatct gggccgttga   120

tctgggttca tcatcacacc atgcccgtgc cccagcacca gcaccgtcag tggagtgttc   180

aaacctggta ttgaccttat cggattgcct caccttcgtt agcaacg                227
```

<210> 1702
<211> 231
<212> DNA
<213> Glycine max

<223> Clone ID: 700959625H1

<400> 1702

```
attgaattca aaaacttaag ttcattcctt gtgttttgct ttcttcctca aaaccaaaca    60

tgtcgaacac atgcggcaac tgcgactgcg ctgacaagac tagctgcacc aagggaaaca   120

gctatggtgt tattgtagag actgagaaga gttacatcga gactgttgtc atggatgttc   180

cagcagctga gcatgatggg aagtgcaagt gtggcactaa ctgcacttgc a            231
```

<210> 1703
<211> 227
<212> DNA
<213> Glycine max
```

<223>　　　Clone ID: 700959655H1

<400>　　　1703

atagaggtgt aactttgcac aagtgtggaa gatgggaggc tcgaatgggc caatttttgg　　60

gcaaaaagta tgtttatctg ggtctgtttg acaccgaaat tgaagctgca agggcatatg　　120

ataaagcagc aataaaatgt aatggcaagg aggctgtcac caattttgat cctagcatct　　180

acgatagtga gcttaattct gaatcctcag gaggtgtagc tgcagat　　　　　　　227

<210>　　　1704
<211>　　　228
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700959683H1

<400>　　　1704

ctgtaagtca gtggagaaga ttaaatatgt ccactcaaag tgtggtgaag gaaatggagc　　60

agtttggagt gctttatttt agattgtttt taaaagggag atggtttttt ctggttggga　　120

gaggatataa ttgcagctgg gacaaagaca aagacagttt tcagatttga gattgagcaa　　180

ataggtataa catggaagat ctcgtaaact attcaaagct gtggaagc　　　　　　228

<210>　　　1705
<211>　　　164
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700959688H1

<400>　　　1705

ggcagaaagc aagctcatcc tagagtttta aaaatggcag cagcctcctc catggctctc　　60

tcttccccat ccttggctgg caaggccgtg aagctgggcc catcagcccc cgaagtcggg　　120

agggtcagca tgaggaagac cgtcaccaag caggcctcct ccgg　　　　　　　　164

<210>　　　1706
<211>　　　285
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700959702H1

618

<400> 1706

agaaatttaa gtgaggagct agagaatgat gatgaagtct gctatgtgtg cagtggtggt 60

tgtagcactt cttcttctgg cggaggtggg gcccatggct gaggctgtga catgcacccc 120

aacagagttg agtccgtgtc ttccagcaat cacttccggt gctaaacctt ccaatgcttg 180

ttgcacgaag ctgaagcagc aaaaaccatg cttatgtggc tacctcaaaa acgctagctt 240

gaagcagtat gttaactctc ctaatgcccg aaaaaccgtt gcttc 285

<210>   1707
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959745H1

<400>   1707

gtcatagggt acaagcacca gactgacctc aaggaaaatg gtgaaatctg tggtggggtt 60

ggcattcttg gcattgcatg ggcctttggt ggcatgatct tcatccttgt ctactgcact 120

gctgggatct caggggggtca cattaaccca gcggtgacat ttgggctgtt tttggctcgc 180

aaggtgtctt tgatccgagc catcatgtac atggtggctc agtgcttagg tgctatctgt 240

ggagttggtt tggttaaggc 260

<210>   1708
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959804H1

<400>   1708

attttctatc cgctcatccc cctcacaaat tagggttttt gcgaatcttt tatcgtctga 60

aatcgaatcc aacgtttcag ccatggtttc cgattcaatc gccgccgtac cgattccctc 120

cgccgcaaac accaagaacc cggggaagaa gaagaggact aacaggtccg cgaaattgaa 180

gcagtacaaa atcgatgcgc gccgcgagca atggttatct caaggtgcgg tgaagagcaa 240

ggggtgcaag gacgg 255

<210>   1709
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959810H1

<400>   1709

gtgaagttgt aaatgaagat gaatacctga gggttttccc taggggcata ggtccaacac   60

tcttgggcgc aagaaccgaa tcttctaggc aaacagccat agttatcatg catcatatga   120

aactcgttga gatgcttatg gatgtcaatc aatggtcaaa catgttttgc ggcatcgttt   180

caagggcggt aacacacgaa gtgctgtcaa ctggagaaac tataagatac gatggtgcct   240

gccaagtgat g   251

<210>   1710
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959821H1

<400>   1710

cttgattcca aaccacaatg attccatgtc ctcagtgctg tctcgttttc aagccattgg   60

cattgacgtt gaagccacag tcgctctttt aggagctcac tcagtgggaa gagttcactg   120

caagaatctg gtgcacagat tatacccac catagattca acactggacc ctgcacatgc   180

tgagtaccta agacgtcggt gcccaacacc caatcccgat ccaaaagctg ttctgtattc   240

aaggaatgac   250

<210>   1711
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959823H1

<400>   1711

cttttctagg taactccctc tgtggccgac cactctctct ctgtcccgga gatgtcgccg   60

atcccctctc ggtcgacaac aacgccaagg gcaacaacaa cgacaacaag aagaacaagc   120

tgtccggggg cgccatagcg gggattgttg tcggatcggt ggtgtttctt ctcttgcttg   180

620

tgttcctctt gattttcctg tgcaggaaca agagtgccaa gaataccagc gcggtcgaca   240

ttgccactgt   250

<210>   1712
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959828H1

<400>   1712

ctgtggagtt ctgtgtgcat atagtacatg cattcatggt aagcttgggg gataggagcc   60

aacgagcaaa gacagcattg tgtaccatgg gggcttctgt attcagtgga atcacactta   120

caaaattagt cggagtcctc gtcctttgct tctcaacatc agaaattttt gtggtgtatt   180

acttccagat gtatctggcc ttggttatca ttggcttctt acacggtctt gtgtttctac   240

ctgtggta   248

<210>   1713
<211>   205
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959835H1

<400>   1713

tccaggtgct gctgctgcag atcaaggtgg tggtgctgct gctgtagacc aaggtggttc   60

tcctatggac atctgataat ttaaaattaa gcactagagg tgttgaatac caatatctaa   120

agacgagtag gtttcatgtg ccatgggaca agatatttct ttgatggatt ttttttcttc   180

ttaatcctgt ttgtttttgc aattc   205

<210>   1714
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959859H1

<400>   1714

gtgatttgat cagaaaggaa tatgacatga agtgcaaatt cttacggaat ctggaatcaa   60

aaggagaaaa gacttctaga attgataaaa tgcgtgctgt agtcaaggat ctgcattcaa   120

gaattagaat tgcaattctt aggatagact ctatatctaa gaggattgag gaattgcggg   180

acaaagagct tacgcctcaa cttgaggagt tgattgacgg gttaagtcgg atgtgggaag   240

tgat   244

<210>   1715
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959870H1

<400>   1715

ggcgacacag ctactaaact tgaacgacaa ggaatatacc gtgcttcgga aatatcacaa   60

tcacagtctg ctgttattgg ccctttcact gtcataggat ctggcaccaa aattgggcat   120

aacactaaaa ttttaaattc tgttattggt gaaggatgta aaattgggtc aaatgttatc   180

atagagggat gctatatatg ggataacatc agcatagaag atggctgtaa actccagcat   240

g   241

<210>   1716
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959872H1

<400>   1716

acaaatcaaa gccatggcca cctccaactt ctctattgtt ctctccgtct ccctagcctt   60

ctttttggtg ctacttacca aggcacactc gaccgatacc gtttctttca ccttcaacaa   120

gttcaaccca gtccaaccaa acattatgct ccaaaaagat gctagtattt catcctctgg   180

ggtgttacaa ctcaccaaag ttggcagcaa cggcgtgccc acctcgggat ctctcggtcg   240

tgcc   244

<210>   1717
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959877H1

<400>   1717

gagcaagctg acgagatgat tagacgggag cttctaagtt tactggagca tgacaatgct   60

aagtatccac ttgatgagaa agtgattaag gagaagaaga aaggagccaa gcgtgctgta   120

aatgggtctg ctgtccctgt gatagaagat tttgaggaag atgaaatgaa agaggctgat   180

aagttgataa aggaagaggc cctgtatctt tgtgcagcaa tgggtcatga agatgaaccc   240

ct   242

<210>   1718
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959887H1

<400>   1718

cggcggcgca gagccaagac gacggcaagg actaccagga gccggcgccg gcgccgctgg   60

ttgacccgac ggagtttacg tcatggtcgt tttacagagc agggatagca gagtttgtgg   120

ccactttct gtttctctac atcaccgtct taaccgttat gggagtcgcc ggggctaagt   180

ctaagtgtag taccgttggg attcaaggaa tcgcttgggc cttcggtggc atgatcttcg   240

c   241

<210>   1719
<211>   166
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959889H1

<400>   1719

tcctccacca gcaacatcac caccagcaac aacaccaacg ccaacaccaa cagctgcacc   60

tacacctgct tcttctcctg caacctcacc agtcccttcc gctagttctc caccagcacc   120

aggcacagcc ggaacccgct cccggacccg caggtggcgc cgagcc   166

<210>   1720
<211>   244

<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700959894H1

<400>   1720

aagagatgca agaagcaggc ttggngaatg atgggtgagg tctccggcga tcagcaccgt   60

cagctgaagg cggagatagc gactcatccg ctgtacgagc agcttctggc agcacacgtg   120

gcatgcctcc gtgtggcgac tcccatcgat cagcttccac tcattgatgc tcaattatct   180

cagtctcacc atcttctacg ctcttatgtc tcacacaaca ctctttctct ctcccctcat   240

cacc   244

<210>   1721
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959896H1

<400>   1721

gtacctgaga ctctatgctt caagatacgg tagggacgag agtattgcgc ttttggagag   60

aacaggagtg tacttcggtc ctgagcgtta cacatttgag cacatgccaa ttgatgccat   120

gagaggacaa atatttaatg cctgccgttc atgaattggt atgttacaga atatggatgc   180

tgcttggtcg agtggttcat ttgtcaacag cttaaaaatt caggtttcag catctaagtt   240

tcaaa   245

<210>   1722
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959910H1

<400>   1722

acacggttta cttaagatca aggagttgtg ctgttgtatt gactccatac aggtggtttc   60

ctgcacttgc agtggttaaa ttctgtaaga cttggtattt aatcgtgggg cttctcaaca   120

agatgctttt actgagatat cacagttggt acaaagtgcg cttgatgggt acaaggctta   180

tgctctagga tacccatcaa ccgatgtgaa gtggtttact cacaaaatta gacttcaatt   240

tgatga   246

<210>   1723
<211>   261
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700959914H1

<400>   1723

tggggtgaca acgcagagcg tgttcttgag tcaattcaac ttctcttgga tcttcttgng   60

gcccctgacc cttgcaccct tgagactttc cttggaagaa ttcctatggt cttcaatgtt   120

gtcattcttt ctccccatgg ttactttgcc caagataatg tcttgggata ccctgacact   180

ggtggccagg ttgtttacat cttggatcaa gttcgtgctt tggagaacga gatgctccat   240

cgcattaagc aacaaggatg g   261

<210>   1724
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959929H1

<400>   1724

cgtcatcgtt tcgttcaact ttcaacgcca gttcacactc tctgcttcgc gtgtaccaac   60

aagtgcaagt tcgaatcaat ggccagcgct cagctcacag caatagcgtc atcgatctct   120

acggcgtcgt ttgaagggct tcgaccttcc gctgttcagt ttgcttccac gggcagaatt   180

agaattggca atctctccca aaggtccttc cggggcttgg ttgtcaaagc cgccaccgtt   240

gttgcccca aa   252

<210>   1725
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959943H1

<400>   1725

ctcttaagca agtgaggtca acaaagactc agttcatgct ggaccagtta gctgatcttc   60

agaataagga gcatatgttg gtggaagcaa acagatcttt gaccatgaag ctggaagaaa   120

tcaattcaag aaaccagtat aggcaaacat gggaagctgg tgagcaaagt atgccatatg   180

gaacccaaaa tgctcactct caaggcttct tccagccttt ggagtgcaac cccacattgc   240

                                                                   260
agataggttc tgactacagg

<210>   1726
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959975H1

<400>   1726

ctcgtcttca atcctttcgt tattctctta ttcatccttc tcttctgaat aatccagatc   60

tctttctgcc cttttctccg tcacgctttt cgtgaccgga tctgtatgga tttgatccag   120

atctacacgc cgatggtggt tttggccggg tctttcatag atctggtgcg tagaggctca   180

gatctacggt accgaggtac aacagagaat cgatgacaag aacgcagatc cgacggtaga   240

                                                                   254
tccagccgat tccg

<210>   1727
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959976H1

<400>   1727

ggttcatcaa tggtgtcaca accgctttct ttgcctcctt ggaacgttgc tgcatccgaa   60

ttgccaccga agaagacgtc gaagatggca acgacgacgt gcccttgatc ctcaacgacg   120

gaaatctccg ccaccgcacc gtggacacca ccacccgcca aaggaagaaa gtgaaaggaa   180

agaaaagtta attgttcttg gtagttgacc aacgctaata tatagtgaaa gtcaacgatc   240

                                                                   256
tctcttttct tggtga

<210>   1728
<211>   261

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959980H1

<400>   1728

gcgttttcaa gaggaaagag ggagaaaaac tgttgttgac tctgaaggac acgtgtaagc   60

cgctccttat cccttgcttt gacctcaaga gctctgcgcc gttcgtgttc tcccgagccg   120

acgcgtccga gtcaccgagc ttcaacttcg agctttggaa ggcgtgccgc gccacgtcgg   180

cgacccctgg cctcttcact cccttccact tctcctccgt cgacggaaaa acctcgtgcg   240

ccgccgtcga cggcggcctg g   261

<210>   1729
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959995H1

<400>   1729

gaggacacca aaccaacacc accatcgatc caaatccaat ccaatgggtt cggttcccgc   60

agaactgagc ttggatttaa gacccacttt catccccaaa accatcaccg atttcctccg   120

ccacctctcc gacaacaaca accccccccgc caccctccac gatttcctcg cccgcctcga   180

agacgagctc cgcaagatcc acgccttcaa acgcgaactc cccctctcca tgctcctctt   240

aaacgacgca atttcagt   258

<210>   1730
<211>   155
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960008H1

<400>   1730

gtttcatgta gtttcttttt catcatccat tgaactgaac cttaaattaa ttatagaacc   60

atgtttgcaa ctaccaattc ctccactttg tcacctttat tctctttcag tagaacaaca   120

gcaacctctc tgccttccaa acccacattc tggaa   155

627

<210>   1731
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960015H1

<400>   1731

ctcgatattt tgatttgttt tcttttattg tttttccttg catttctttg attcccttca   60

cttcaccaat atatattaca ccacgcgtta gttactcacg tattctgctt ctttctttct   120

ctcacccttg gttgtttatg ctttactact tgtccgtcca ttcattcaac ttttcatatt   180

ataatgaata ctcgggaatt cgcacacaca ctcactcact ttgtttcttg ttcttggtgt   240

                                                                     255
agttgaaatc tgggt

<210>   1732
<211>   123
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960022H1

<400>   1732

gcttacttgg acttacacca cttgctgaac gtgtgagctt cattacagaa caagttgcct   60

tttacactgg tcccacagtt ggaggacttc tgaatgctac atgtgggaat gttactgagc   120

                                                                     123
tca

<210>   1733
<211>   129
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960052H1

<400>   1733

atttggagtt tggagcgact gaactaatca ttaatttgca ctcgctgttt cagcttcatc   60

acccttcttt tgcatcattt atatctcttg agaaatggca caagaaacct ttctattcac   120

                                                                     129
atctgaatc

<210>   1734
<211>   245

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960059H1

<400>   1734

gttgatttgg atttgggaaa ttacgagcgc ttcctcgatg tcacgcttac caaagataac   60

aacatcacca ctggaaaaat ttaccagtct gttcttgaga aggaacgtaa aggcgattat 120

ctcgggaaaa ctgttcaggt ggtcccgcac atcactgatg ctattaaaga ttggattgag 180

tcggttgctg tgattcccgt ggatggaaag gagggccctg cagatgtttg tgtgattgag 240

                                                                   245
ctggg

<210>   1735
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960070H1

<400>   1735

gtatgaaatt aaaaatgagc agcatgcaga ggcattctgg agccaaaaat cacttgcagg   60

ggaggactca cttcctatgg gagacagagt tgcagctctc aaagataacc aacaaccttc 120

tcgtgttcca aatggtgtta acagggtcc aggaggatca cgagaaatca ctttctccac 180

aagaagctca gctaagtaca aggaagacga ggaagataaa gaagtgccac acaggaaaaa 240

                                                                   242
ga

<210>   1736
<211>   116
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960073H1

<400>   1736

cgctggtggt ggtttcttct agtttcttca ctctttttcat tactttttagc ctgcatagtt   60

ttaaataaga aaaaaaaac agcgactttg tgactagtta agatcaccgt ttcttc   116

<210>   1737
<211>   247

```
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960095H1

<400>      1737

gaaaaagcaa tggaagctca atcacaccac cgactcaatg tcctttttct tccatatccg    60

acacctggcc atttacttcc tatggtagac acagcaagac tatttgccaa gcatggtgtt   120

agtgttacta ttctcactac ccctgctatt gcttcaacat tccaaaatgc catagacagt   180

gacttcaatt gtggatatca catcagaact caagtggttc cattcccttc agcccaagtt   240

ggtctca                                                             247


<210>      1738
<211>      272
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960103H1

<400>      1738

cttcttcttt ttcatcaatc atcaccagtg gttcttttcc ttctgagaag atcgaattgt    60

gttttgcaaa aatgggagtt ccagagaaag accctctttc ccaattgagt ttgcctcctg   120

gttttcggtt ttaccccacc gacgaggagc ttctcgttca gtatctgtgc cgcaaggtcg   180

ctggccacca tttctctctt ccaatcattg ccgaaattga cttgtacaag ttcgacccat   240

gggttcttcc aagtaaagcg attttcggtg aa                                 272


<210>      1739
<211>      272
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960104H1

<400>      1739

aaaaatatct cacgcaataa cataccctaa cacaaacacc ttcctccctt aaaaatgctg    60

aagcatttca atttcaacat gaacattttc ttcacgttgc ttatagttgt cacattagct   120

agtttctatg ttccccagtt gaagcctcgt ccttcaatta caatagcttt ttgcatggtt   180

gcaaccctag tataccaatt tataatgaga cacccaaca aaatttactt ggtggacttt   240
```

gcatgcttca agccaagcct tgcatgcctc tg   272

<210>   1740
<211>   272
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960105H1

<400>   1740

agaaaaccga gaaagaagaa accgacttca aagttccgga aacgattacg ctttgcgtca   60

acaactgcgg cgtcaccgga aaccctgcca cgaataacat gtgccagaag tgcttcactg   120

cctctaccgc caccacttcc ggcgccggag gtgccggaat agcttctccg gcgaccagat   180

ccggcgtctc cgcgcgtcct cagaagagat cttttcctga agagccctcg ccggtggcgg   240

atcctccttc ttcggaccag acgacgccgt cg   272

<210>   1741
<211>   271
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960108H1

<400>   1741

ggaagagggg atatgaatac aaggagctag ttgtctattt gcaataacat aacatcatca   60

agcaggatca tcgatccaac cttagtattc aacccagaga gatttgtagt aataattact   120

acaacaactt aaaacaatgg caggaggagg ttatgtagat tcgggaaatg caaagcaatt   180

tgaagggaag gtcactgcat tcgtattggt tacatgcttt gtggcagcca tgggaggctt   240

actcttcggt tatgatcttg gaataaccgg a   271

<210>   1742
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960113H1

<400>   1742

caaaaacttc atagatggaa cgaacactta tagaactgcc actgtcgcta ttcaaggaga   60

631

```
tcactttgtg gccatcaata tggggtttga gaattctgct ggacctcata agcatcaagc   120

ggtggcattg agagtccaag cagacaagtc catcttttac aattgctcaa tggatgggta   180

tcaagacaca ctttatgcac acaccatgcg tcaattctat agagattgca ccatttcagg   240

                                                                     263
taccatcgac tttgtgttcg gta
```

```
<210>      1743
<211>      267
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960126H1

<400>      1743
```

```
cagaatccca ccgccatgga tttcatgaag gtcttcgatc aaaccgttcg agaaataaag    60

agagaggtga atctgaaggt gctcaaggtt ccggaaatcg aacagaaggt gctggatgca   120

actgataatg aaccttgggg tcctcatggt actgtgctgg cagagatttc acaggctacc   180

aaaaaattta ctgaatgcca aatgatcatg aatgtccttt ggacaagact gggtgaaact   240

                                                                     267
ggaaaagatt ggcgttatgt atacaag
```

```
<210>      1744
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960128H1

<400>      1744
```

```
atatagcgaa aggggtggag tccctactgc gtcactctga cccaaactcc ataactacgg    60

taaacggcgt cgttcagcag ctggaggcca aactagggtt agacctctct cacaaggcca   120

gtttcatcag agaccagatc gatcatcttc tccggtcaca gccacagaca tttgctcctc   180

accctcctcc acttcacaaa gactattttg cccctcacac ccaactgcac ttcccaacca   240

                                                                     261
cccactttgc tccccatttt g
```

```
<210>      1745
<211>      231
<212>      DNA
<213>      Glycine max
```

<223>   Clone ID: 700960143H1

<400>   1745

tgagattaag aactactgga ggacaaggat ccagaagcac ctcaagcaag cttccagcag   60

cttccagcaa cagagtagta attctgagat aatttatcat ccccaagctt gcactagcca   120

agtgtccacc atggcgcagc catagaaacc tattctccac ccagttatca aggaatgtta   180

gatccatttt caattcagtt cccaacaaat cctcatcatt ctagttgttg t   231

<210>   1746
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960158H1

<400>   1746

cactagcgtg tttcgtcttc ttcgtcttta ctcttttctt caccgaagcg aaaaagaaaa   60

ggcttgactt gagagaaata gagcttcgaa tcgaaactca gaattagaaa aaaacacaaa   120

tcacaatcac aatggcaagg tacgaccgag caatcaccgt tttctccccc gacggccacc   180

tcttccaggt cgagtatgcc ctcgaagccg tccgcaaggg caacgccgcc gtcggcgtcc   240

gcggcaccga caacgtcgtc c   261

<210>   1747
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960172H1

<400>   1747

cgggtgcgta cgtcgttcca agtaaatcac tttgtcgagc cctaattttg aatttgtgcg   60

ccattcctaa aacagtgcag tgaaaatcac gtatttgcga tggagattct gtattcgaag   120

ctctacgaca agtacaccaa actcaagtct aaaaaactct ccgatttgga tcacataaac   180

aaagaacaag aagttaaatt cgtgaattac ttgacggctg cggaagagtt gatagagcac   240

ttgaagagcg aaaaggaagg   260

```
<210>      1748
<211>      258
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960181H1

<400>      1748

caagtcagcg ttaagggttt agtttggtgc gtgccatgaa gatcgaggaa ttggacgatg    60

gagagtgtag tagggacgag gaagagaagt gtgagaggca gattgtgagc gttgatgcga   120

agagagcgtt ggttggagct ggtgctcgga tcctgttcta ccccacactc ttgtataatg   180

tgcttcgtaa caagattgaa gctgagttca ggtggtggga tcaaattgac gagttttgt    240

tactgggcgc tgttccgt                                                  258


<210>      1749
<211>      259
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960182H1

<400>      1749

cgtttcctga aaagaatgag ctgcagagca gatctttaga tagagagaga ttctttcacc    60

aaaagtttca gctgaggaat atgcaaatga acggtattgg taccatggat gatgattctg   120

ttcatcggag aggtaatgga tccgaaaagt atgtgtcttt tgacattgag gataagtctg   180

aaagaggaac aaaaggtgtt gattcctaca tttctgtggg aggtgatggg tcattgggaa   240

aaagcttcca gaatcctat                                                 259


<210>      1750
<211>      286
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960202H1

<400>      1750

aagcgcttga aggagatgga agatgaagct gctgctttgc gagagatgca ggccaaggtc    60

gagaaggaaa tgggatctgc gcaagatcct gcaaatgctt ctgcaagtca ggccaataaa   120

gaggaaatag attctcgatc agtctttgta ggcaatgtgg actattcatg cactcctgaa   180
```

gaagtgcaac agcattttca gtcttgtgga acagtaaaca gagtcaccat tcgaactgat   240

aagtttggcc aacccaaggg ttatgcctat gttgagttcc ttgagg   286

<210>   1751
<211>   283
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960204H1

<400>   1751

gcaagtggaa ccattgagtc caacacatca agtgctggga ctcaattggt gtttgatagg   60

tcaggagatg tgtatatttt gagagacaac aaagaaaagt ataacttgtc agatgggggt   120

tctatttcca ccactcaatt ttaccttaga gcaactcttg attttgatgg ggtgttcaca   180

ctctatcaac atccaaaggg ttcttctggg agtgtaggtt ggaccccagt gtggtctcat   240

ccagataata tatgtaagga ttatctttct gctgcaagta gtg   283

<210>   1752
<211>   278
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960226H1

<400>   1752

ctaatttgaa aatcaagtat tttcagagag agctgaggca atacttggtg tatttcattg   60

tggcactgac tatattcttc tacatgattc caattacatt tatatctgca ttaactactt   120

tggataattt ggtgaaatat ctcccattca taaagccaat tgttaatata aaggcattga   180

aaacagtgtt ggaagcttac ctccctcaac tcgcactgat tattttcttg ctttgttgc   240

ccaagttgct tctgtttttg tctaaatttg aaggcatt   278

<210>   1753
<211>   273
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960242H1

<400>   1753

gagcgattgc ccttgctgcg gcgactacct caccaacacc aacctcttcc ctaacttgtt   60

gctcgacaag ctactgaaga agacttctgc gcgtcaaata tcaaaaaccg cttcacctgt   120

cgaacatttt cggcaggtat tgcaaaaggg ttctgatgtg tcaattaagg agctagacac   180

cctttttgtca cttcttgccg agaagaaaag aaaaatggaa caagaagaag ctgagagaaa   240

tatgcaaata ttgttagact tcttgcattg ctt   273

<210>   1754
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960257H1

<400>   1754

gggcttcgtc ggaggattgt cacgcctgaa cgagcccttt tccatttcag ccttgagcgg   60

ctcctgttct tgtcaagttg gtgtgaatta ggagctgctt aattcaaaga atggggggag   120

atgcacagaa gagaaacgtc atcattggcg tctctacttt cttgttggtg gccatggtgg   180

tagcagtcac agtcaatgtc aacttcaata caagggatc aagcagtgat tcaaaggaag   240

aaagcaaatc ccatgtagct tcctcgatg   269

<210>   1755
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960269H1

<400>   1755

cgatcatacc atggtaaata tgagaaactt ggaggattat gtttctctta ttgtcgatgc   60

aactgtgagg tctggagttt caagacaagt ggaagctttt aaatctggct ttaaccaggt   120

tttctccatt gatcatcttc ggattttcaa tgaagaagaa cttgagcgaa tgctttgtgg   180

agagtatgac tcttgggctg tcaacgagtt tggagatcac attaagtttg atcatgggta   240

tactgctagc agtcctccca ttgttaa   267

<210>   1756
<211>   266

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960277H1

<400>   1756

gtgtttgaat cgtgaaaatg ttcagaaacc agtatgacac ggacgtgacg acatggagcc   60

cggcggggag gctgttccag gtggagtacg cgatggaggc ggtgaagcag ggctcggctg   120

cgatagggct ccgatccaag acccacgtgg tcctcgcatg cgtcaacaag gctaactccg   180

aactttcatc gcaccagaag aagatcttca aggtcgacaa ccacatcggc gtcgccatcg   240

ccggcctcac cgccgacggc cgcgtc   266

<210>   1757
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960288H1

<400>   1757

cggtggtgta tttggtgtgt tgatgtttta ttaaactttt gtactcttgc tttgaaacta   60

gttggttagg caagttttag ttttctattt tatttcagac ttttcaggtg ctcatattct   120

tatgatgatc atcaaactgc aaatatagtg agcccattaa gctattactg aaatttgttg   180

cagatttgaa attcttctaa gatggatact tcttatagga ctggtggagt caagtacgag   240

tgcttgcttt ttgatatgga tga   263

<210>   1758
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960291H1

<400>   1758

gcagaagcac aagcccagct cttcaagatg gccaacgaag gaagaatgaa gcctagacca   60

tgatgaaata cagattaagt agtagtactc ttaattagtt aattagtatg gtgtgccaat   120

ttattgagtt aagaccattt tatatttaag atttctgtta gtttgtgtca tttaaggctc   180

tcacatgata tgttcattaa tatgcattga gatggatatc atgttaattt cttcgaaatt   240

```
taatgcaaaa tttatggttt tgg                                              263


<210>      1759
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960293H1

<400>      1759

gttagagtgt ttctttccac aactcaagaa gccactaatg taaatccttt tttatatata    60

agtatttgtt ggttaagtta gagcgtttct tccatatctt agaaacaacc agaatttaaa   120

tcttgtacca cttgtttagg aaacacaagt cgctatcact tttatcgatc gttgttgatc   180

ttataaatgc ttatataaca aattattcaa acactttaaa atttcataaa catttatcaa   240

tgtgtcaact gaaatttaag aaa                                            263


<210>      1760
<211>      259
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960311H1

<400>      1760

gtctaaatga tgctgatttt gaagagagaa ttattcaaca tttagctgct gctgcagcaa    60

tgaggagagc taaccaactt ggttggaggg aagggcagcg agctcgttca tcagctcatg   120

gtcatccaca attctctgtt ctctaatcag cctattgcac cttcatcagt tgctggagga   180

gaaaatgacc caactgcaat tcctaataga agtccatcta ccccaataac atccgttgga   240

aatgaagcat cgcagcaga                                                 259


<210>      1761
<211>      260
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960315H1

<400>      1761

aacatgcaca caaagtaatg gacaaaaaac catgcaactc atcatctcat gatcctgaag    60
```

tgagaaaggg accatggacc atggaagaag acttgatctt gataaactat attgcaaatc 120

acggtgaagg tgtttggaac tccttagcca agcttctgg tctcaaacga acgggaaaga 180

gttgtcgact ccgttggcta aactaccttc gtcctgatgt tagaagagga aacattacac 240

ccgaggaaca gcttttgatc   260

<210>   1762
<211>   112
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960345H1

<400>   1762

ctacagtcaa aataggtttt attaggtcag agttccacac aattgtcata ttgtagaacg 60

tttcgatttt acttaagagg ctcttatatg tatttttaa accaattatt aa   112

<210>   1763
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960365H1

<400>   1763

gcaaaactta gggttgggcc ttttttttgag gttttcagcg cttctttctc acaatggttc 60

ttcagaatga tattgatttg ctgaatcctc cagctgagtt ggagaagaga aagcacaaac 120

tcaagcgtct tgttcagtca ccaaactctt tcttcatgga tgttaagtgc cagggatgct 180

tcaacataac aactgtgttt agccactctc aaactgttgt ggtgtgcgga aactgccaga 240

ctgttttgtg ccaacc   256

<210>   1764
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960374H1

<400>   1764

attaaatctt ctctcaaaat atttgtgatt ccatgcccaa cgccctaccc tgaaaatatg 60

gtagccgaga gagaggttaa cggtaacggc gtcggagagg gaagaacaac gctaatattc 120

acctacggaa ccctgaagcg aggcttctcc aaccaccccc ttctccaaga cctcattcgc 180

tccggcgacg cctccttcgt cggaacctac cgcaccgccg ccaaatatcc tctggtctgt 240

gggccctaca 250


```
<210>      1765
<211>      99
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960378H1

<400>      1765
```

caaaaaaaaa gaacaagaaa atggaaaaaa aagcaacact cgtctctgct gtttctctta 60

ttctcgtagt gggcgttgcc ctaggcgttg ttgcttatg 99


```
<210>      1766
<211>      253
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960381H1

<400>      1766
```

cgctgaggga aatcagaaag tatcagaaga gcaccgagct tctcatcagg aagcttccgt 60

ttcagagact cgtgagggaa atcgcgcagg acttcaagac cgatttgcgt tttcagagta 120

gcgccgtttc tgcgcttcag gaagctgctg aggcctacct cgttgggttg ttcgaggaca 180

ctaacctttg cgcgattcat gcaaagaggg ttaccattat gcctaaggat attcagcttg 240

ctcgcaggat cag 253


```
<210>      1767
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960382H1

<400>      1767
```

cacactcact ctccttctct ctcctattgc ggctagggtt tgggtttttc actttcagcc 60

640

tctccattcc ttcaaccttc ttcttctctt tgatctctga tggagacgtt ccgtgtttag   120

tagcaagggt tagttgaggc cttgtgtttg gaaacgtacg gtgtcgtttt ggagttggga   180

aaacaaataa ttctgagaga tggcaaccac gaaccctttt gatttgttgg gtgacgacgc   240

tgaggaccct   250

<210>   1768
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960384H1

<400>   1768

agcattcagt gaaacactag ctagggtatt gggagctctc gttgtttcgg agttagggac   60

cttacgcagc catggccact gctacgaatg ccgccgccgc cccaccacgc cagctctccc   120

agaaggaagc tgacatccag atgatgttgg ccgccgacgt ccacctcggc accaagaact   180

gcgacttcca aatggaacgt tacatcttca agcgccgcaa cgacgggatt tacattatta   240

accttggg   248

<210>   1769
<211>   100
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960388H1

<400>   1769

atttaaaaac caaaaaaaac taatcctcgt ggtcacagtg ggtttgagtg aactaaaagg   60

aacaaaggca atacatagag ggcaacgcga ttttcattct   100

<210>   1770
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960390H1

<400>   1770

ggagagggtc cagtggtgtt gttcctccac ggcttccctg agctctggta ctcatggcgc   60

641

```
catcagattc tctctctcag ctccctcggc taccgcgccg tcgctcccga tctccgtggc    120

tacggtgaca ccgaagcacc accttcaatc agcagctaca actgcttcca catagtgggt    180

gatctcgttg cgcttattga ctctctgggt gtccaacaag tgttccttgt ggctcatgac    240

tggggag                                                              247


<210>      1771
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960413H1

<400>      1771

gggttatcat ttctccattt ccattttctc tctcactttt caagaatcgt aagctatggg     60

aaagtcttac ccaactgtga gtgctgatta ccagaaggcc gttgagaagg cgaagaagaa    120

gctcagaggc ttcatcgctg agaagagatg cgctcctcta atgctccgtt tggcatggca    180

ctctgctgga acctttgaca agggcacgaa gaccggtgga cccttcggaa ccatcaagca    240

ccctgccgaa ctggctcaca gcg                                            263


<210>      1772
<211>      266
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960416H1

<400>      1772

ttcggatctg agagatcgcc acgcacgcac gcacgcttcc tttgattttg tcttccgctt     60

cgtcatttcc tattctcagc ttccaattct cctcctcctt cttctaattc tacttctttt    120

cgagggtttt cgttcctctg tgcctgattg atccctaatt cgataccatg cggaagaagc    180

tcgatacccg tttccccgct gctcggataa agaagataat gcaagcagat gaggatgtcg    240

gaaagatagc gttggcagtt cctgtt                                         266


<210>      1773
<211>      259
<212>      DNA
<213>      Glycine max
```

<400>   1773

gttaattcag actcccctca gaaacaagcc attggtaatg caaaccctag tcctactcct   60

gcaatgaact atggtatggc taatcgacaa agatcaatga agcagcgtgg agggtcaaat   120

ggctataatg ttgggtctgg tcctgttcag aacaacttct ccggtgctac ccagaatctt   180

cctccaccgc caccaccgcc cccctttcct gtgcttccga tgcctccaag aacatttgcc   240

catgggatac caggggttc   259

<210>   1774
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960438H1

<400>   1774

ggatgatgct ggaaactgct ctcaaactac ttccatatat gggtctaagc ttagttcatg   60

ggttgagaat agtagtaatt ttaaacgtga aagcagtgtt tcaactggat actccaagcg   120

accagatgaa gtttgcaaat caaatcgtaa aagacttaaa ccaggagaga accctaggcc   180

taggcctaaa gatcgccaaa tgattcaaga tcgtgtgaaa gagttgcggg aaattgtgcc   240

aaatggagca aaatgtagca tagat   265

<210>   1775
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960439H1

<400>   1775

ggtttttgat acgaatatca gccaatgaga taggaggggc ttcaacagcc acaaccttga   60

tcttgcattg agccatgaaa ctacttagcc acttgggttc ctcactagag acacttgtct   120

attaactctt ttttgttgtt gtggtgtttc atttgtgaaa ctaacaacaa cacaaggcca   180

tcatcatggc agctgcttcc ccaatggcaa gccaactcaa gtccaccttc actaggactc   240

ttgtagctcc caagggcctc tctg   264

<210> 1776
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700960452H1

<400> 1776

gcctctctct tcattttttg tttagcatgt tttgccactg cagcacggtg aagagactta   60

ccttggattt ggtgggaaga acagaacagg ttgatgtggc agagtttggg attactttgt   120

tggattgttt tccaaacata acatatctta atttaggtcc tggagcttgg catgtgatgg   180

agaattcttt cagctgggga ggtttgaaag atgggattgg gatgaagatg ataaaagaac   240

ttatagcaca tctagtggtc cat   263

<210> 1777
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700960456H1

<400> 1777

gggttcgaac tatactagac ataggttgtg gctatggtag ctttggagca cacctcttcg   60

acagtcagct tttaactatg tgcattgcaa actatgaacc ttctggcagt caagttcagc   120

tcactctgga aaggggtctt cctgctatga ttgcttcttt cacttcaaag cagttgccat   180

atccatctct atcctttgat atgttacatt gtgcaagatg tggcattgat tgggaccaga   240

aagatggcct ctcctgatt g   261

<210> 1778
<211> 243
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960504H1

<400> 1778

agaacattna ccaagantnt tgttgaagct tttnagccna nccgggganca ncgactggna   60

ctnnancttc tgganccgca catnccggtg gtcccgcnat cctcgatnaa gtcgagnaga   120

agctccggat caagcnggac aaactccagt cccacccggc atgtgntgag tgantacgga   180

aacatgtcaa nngcgtgtgt nttgttgatt gtggatgana tgagnaanan gtctaaggac   240

naa   243

<210>   1779
<211>   230
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960506H1

<400>   1779

ttggagcatc gaggatatct ggtcgtctat gcacttactc caatggagat taaacctagc   60

tatatgcatg ccntatataa atgcatatat atgatgatat ataaacctaa gctcttgtag   120

agtgtgttca ggcttaataa catcattagg tctgtttata tgagtagtct aagtttggtg   180

tttgtaatga atgatgtgag ttaagaatta atttagttat ggattgaaat   230

<210>   1780
<211>   259
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960516H1

<400>   1780

ggtgcagctg cctgattttg acgaggacga attggaagca gaacttgaag aattggaggg   60

tgctgagttg gaagaacagc ttcttcagcc agcaactaca gctcctgcag ccccagtgca   120

ggtcncagct gggngccaac ctactcgcgc cagttcctgc aaagcgaact cgtgaagaan   180

atgaattggc agctttgcag ctgagatgg catttgagca ggtgcctttc ctcagctgta   240

acatancaan ttgtatgcc   259

<210>   1781
<211>   252
<212>   DNA
<213>   Glycine max

645

<400>   1781

```
tcgagngatt ccggctnaga tttganttcn ttnnttccga atcaaaattc tatctggncn    60

atctcnntct caaaataaac agtgccttat ttgngtagng tgaatgtgtg atggcgagtn   120

gttccttctt aaaaaattgn aaaatcnttg attttgcttc gtnactactg ggagagttta   180

cgagnagtat caaaccgata aaagacgttt cttcaacatc attgactccg ntgaanntaa   240

ttgntcanaa cg                                                       252
```

<210>   1782
<211>   252
<212>   DNA
<213>   Glycine max

<400>   1782

```
cttttgcttt ntntctccca aattgatnac aacttccngt ccgganctgt gcagagaagt    60

aaacatatag gagtgagagg ganggagaga gaaggaaagc ttggtagcga tggggaanga   120

gcaagttcag gtgctgantg nctggangtg gcaaagacac aatggtatca tttcacagca   180

atcatccatt ggtggaatgg gttnttcagt gatgcttatg atntgttntg natatcatag   240

tcacaaagct ac                                                       252
```

<210>   1783
<211>   251
<212>   DNA
<213>   Glycine max

<400>   1783

```
gtcggaatcg acggtnggag atttagtggc ggcggnggtg cggcaatacg tgaaggaagg    60

tcgncgacca attttgccgt ccaacgaccc ttccccactt cgaccttcat tattgtcagt   120

tcagcttaga aagtttggat agggaggaga agctgaggga tantggatct anaaantctt   180

tatgtgtccg angaagtgtg gnggcggcnn ggcgaggtag angaacgaag ccgtttgttc   240
```

atgntcaaga c

<210>   1784
<211>   253
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960530H1

<400>   1784

taaatcangt cttanttagg nagttgtgan ctaattgtat aattnacnan catntgattt   60

cnaantnttn tttccganan tttctttctt tntcntgaaa acacttcang nacaataatt   120

caagcggggg cttgtggcan tgtttgttct ggctcgtatc atgttacagt tactttaacc   180

aaatananac atanagcagc aagtctgtca ttactgtttn atntctactc ttngnctctg   240

cgtgcccctt cac   253

<210>   1785
<211>   252
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960535H1

<400>   1785

agaaaantcc gggtcanact gctttgaana attntgagaa agtattnttt cagggctctt   60

tggngtcatc tccttcatcc ctcaatctgt tgtncaggtc gttggcaact taactgcagt   120

tcactcatac tttnatttat tctcaaggaa aattgaccaa gatatatgg anttgaggag   180

gtgagttgna gctanacana attcagaang aacatgcant acaacncacn aatggangnt   240

tcnaaanatt nc   252

<210>   1786
<211>   204
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960536H1

<400> 1786

actaatttcg tagttacttt cgtntngaac gcgcacggta aactaggttg ttntgtncnt   60

cttctcttca tcgttcgncn aagtcaagnt ttgactgngc nctgcatctn ncaatctcta   120

cgaagcaacg ctnngaagtn nnnatgtnaa gttccgncaa aggtattacc ttgatacaaa   180

aactntgaag tanatnttgt cnag   204

<210>   1787
<211>   196
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960546H1

<400>   1787

tttcctttca acaccccttg tttatnttgt actgaatgcc acccantgat aacaatttnt   60

atcttggagt tagcntttat ggtaggtttc ctctttataa cncagtgtat naaatgtgca   120

tatttnatgt gataattgtt gtganttatt tnttgganng aaagtataaa aaaaatgaan   180

gattagttgg atgttg   196

<210>   1788
<211>   252
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960548H1

<400>   1788

aanaaatgcc acaccctcta ctatcgcgca nccntttntt cacttcttca tgnttcgact   60

cttctgcgcc tganctccna cngtngtctg agtngcgccg ccgtttggnt tcgcggattt   120

ctccnatgtt cgnntaacga gacanagtga atctgaatcg cattcgaacg tgntctcttc   180

gacatcttca cttaagcctt cganttgcat aagatgcttn cgagggttta tngnccaaat   240

cacctcaaac cc   252

<210>   1789
<211>   83
<212>   DNA

648

<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960553H1

<400>   1789

aggtaattta agagagagaa acgagagagt gagagaggga cnaccncatn ccacttcttc   60

ccatttcnca cnnctcccna acc   83

<210>   1790
<211>   96
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960554H1

<400>   1790

gttcgtctcc ctcccatcga aataatggnt tcngtttcct acctcttcgt gtttcgttcc   60

nnttccttct tcctctcntc tccaccacca anatnc   96

<210>   1791
<211>   246
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960557H1

<400>   1791

tgcagttntg ctccgcaatt atcatgggca aggtcaanat cggaatcaac ggatttggaa   60

gaattggncg tttggtanca nagtggctct gcagagagac gatgttgaac tcgttgccgt   120

taacgacctt tcatcaccac cgattacatg acatacatgt tnaaatacga cagtgttnat   180

ggacactgga ancatcacga tgtcacgtta aggacgagaa gacgcttctn ttcggtgaca   240

anccag   246

<210>   1792
<211>   250
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

<223>   Clone ID: 700960561H1

<400>   1792

anganacaca ccttcagcan cagcagccat ggttgtcaaa accgaactat gccgattcag   60

cggtgccaan atctacccca ggganaggca tcagatttgt tcgtggtnat tctcaggttt   120

tcctgtttgn taatcgaaat ntaanaggta nttccacaan angttnaagc catnaaagct   180

cactgnactg caannnacag anagcaacac aagnaggaca ttgtcaanaa gctgtnaaga   240

aaagaanacg   250

<210>   1793
<211>   251
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960562H1

<400>   1793

atnacaacaa caanaactcc caccaancan ctccaccaan aaatatgcnt gagatccttn   60

cccaagcctt cttgacttcc nnttngcttg ctctnagcgc tgtnacanca ttgaatgatg   120

acccttttga caagtcntct gcttcantgg ggaantcatc anaggaggat aaagncatag   180

tgaaaagggc tnctacttgc atcccctncc atgaccantc caagagantn agaacaagct   240

cttncgntgc c   251

<210>   1794
<211>   255
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960564H1

<400>   1794

anttnaaaca aattttnagt cagggtttgc actcacttca gagcaccnta agctatctan   60

ntgataccat ctncccanaa gccggttgtg anatacaatt atncaaaaga agctaagnna   120

ttttatgctc gccannatga tganggaact gtagctgcgt ttganttggn tgtnccaaag   180

nttggaacaa taatatctgg tagcnaaaac gaggaacgtc ttaacatnat aagctccagg   240

650

attgatnagt tangt

<210> 1795
<211> 110
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960569H1

<400> 1795

canccggcnt ccganccaca cctaacccaa accagcctat ggcggngatg cagaggncca   60

ccngcaanna gaaccannnc aatggccaaa gctacgtgcg tgcttttnct   110

<210> 1796
<211> 246
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960573H1

<400> 1796

atggttgtac agcaatattg aagccatntg aattggcatc tgtgacctcg tttgnagctg   60

gctgaaatat gcagagaagt tggcnttnct ccaggggtat taaacattgt tactggatta   120

ngcaatgaag ctggtgntcg tttgtnatca tcctgacgta gacaagattt cntttactgg   180

aagctctgna atggaagcag gattangaca gctgcagcac agctaacgaa gctgtttntc   240

                                                                    246
tagagt

<210> 1797
<211> 253
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960581H1

<400> 1797

tctagcncaa cnggatcttc acgactagga gatggcaaag tcgaacaacc acaccgctc   60

acaacccant nctacaaggc ccataanaat ggcatcaaaa agccaaagag ggatcgncac   120

acttccacca aagggatgga tccaaagttt ctgaggaacc anaggtacgc naggnnncat   180

aacaagaana gcggtgaaac agccaccgaa gnngagtaaa gtgccactct naaatgggct   240

antaggattg gtt   253


```
<210>      1798
<211>      83
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960584H1

<400>      1798
```

tgccanatcc caaatccaaa tccnacnctg ttcgatttcn tcctttgaag atcctccatc   60

gttnttccct caaaacgncg agc   83


```
<210>      1799
<211>      245
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960587H1

<400>      1799
```

acatgttcac aanttggttn atgntcttcn anaaggcatg aatctaagag tgcnggaant   60

gaaatggtna ctgaaaagga gcaggnanag ttnacggnaa gagataatcc tttgtgtnct   120

tcttgtcaga tgcttnttct ttggatccan aatcaactaa aacaaaaggc aacgaangac   180

anannattca actangtgaa tcaatntgtg agagcctaac caagtccatt gganantcan   240

tgatc   245


```
<210>      1800
<211>      249
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960588H1

<400>      1800
```

attnaatctn canaattcnc ngacaagaga tctttttctg ctccnttgaa naaagaaggg   60

tntttgnttg attttggaga ngtctctgct ctgagatctc atgaacctta acccgtacga   120

tanccaccga gaaggtgatc gnagagtaca tatggatcgg tggatcagga atggacctga   180

ggagcaaagc aaggatctcc caggaccann tagngaccnt cagagttccc aantggaant   240

angatngnc   249

<210>   1801
<211>   178
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960590H1

<400>   1801

agaaagatga gcgatgagga aagaacnaag caaatacgcg gagtgagnaa aagcntgaaa   60

gaaggagaga gaatcgtggg cccaacgaga cggcccgacg gaancctccg caacccatt   120

cgaatccgcg ctggttacac ccctcaagac gaatcgccca tttaccaacc aaaggagc   178

<210>   1802
<211>   259
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960601H1

<400>   1802

tacaaangtt gctgtaggag ataagattgc agtagtgcta agtgctaaca cctgcagtga   60

acaatggcct ctgcatcagc atctctgctc aagtcttcac ttgttcttga caagtctgag   120

tgggtgaagg gacaaaccct tcgccaacct tctgcatcag ttgtgagatg caaccccacc   180

accccatcag gcctcaccat cagagctggt tcctatgctg atgagctcgt taagaccgcg   240

aaaacagtgg cttcaccag   259

<210>   1803
<211>   108
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960603H1

<400>   1803

gatctcactg agtctgatca actaggagaa atgctaaagc aaatttttta gttggactga   60

ggcatagtct acaaaatgct atgagaacct gttcatggtt ttgatttg   108

<210>   1804
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960607H1

<400>   1804

cttccaaaaa gtaagtcatt agtcatataa ggttaagata ctatgtttgc tttgagattt   60

aattataaga acgagacttg attaacatgc atgtactaag cttgagaagt attaatatga   120

agaataacag cttttgaaat aggattcgca cataagaaat agtcttacca agaggatagt   180

tgctaattga ttataagcat acaagattga aaatgcattt agaatatcaa agtgcagtaa   240

cat   243

<210>   1805
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960608H1

<400>   1805

gttcattcca tcactgccac ccagaagact gttgatgggc catcagccaa agactggaga   60

ggtggaagag ctgcttcatt taacatcatt cctagcagca ctggagctgc caaggctgtt   120

ggaaaagtcc ttcctgcttt gaacggaaaa ttgactggta tggcattccg tgttcccacc   180

gtggatgtct ctgttgttga cctcacagtg aggctggaga aggaagcctc ctacgatgaa   240

attaaaaatg ctatc   255

<210>   1806
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960610H1

654

<400>   1806

atcccccct agctacagag cagccaaagg ggaggaataa taataagcct atattctaag   60

gccggaaaaa taaaaaagga ataacaaaaa tgtctggaaa ggtaattatc tcggctgttt   120

ctctcatcct ggtggttgga gtggccatag gtgtggtggt ggccgtcaac aagaagggcg   180

aggatcccac acttcaatct caacaaaaat cagtaggggt tatctgccaa aacactgatg   240

accagaagct c   251

<210>   1807
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960633H1

<400>   1807

tttatctcaa aactgggact tgcaaatttg gattcaattg caagttcaat cacccgctta   60

ggaggaaaaa cctggctaaa aacgagaatg cgggagaaag agaagagcag gaagaaagat   120

caggccagac ggaatgcaag tattatttaa ggtctggggg gtgtaagttc ggaaaggctt   180

gcaagtttaa tcacacaaga ggaaagagtt catcagcatc ctctactgca gagcttaact   240

tccttggcct gccta   255

<210>   1808
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960634H1

<400>   1808

atttacaaag tgtcataaat tgatgggatt ctctacaggg ccaagatcac gagctacaca   60

ttggaaacaa acagtcctat acctagaaga tgtcttgacc gtttgtgagg gggaggcaat   120

tgtggggagc atgactgttg ctccaaataa aaaaaatcct cgggatgttg atataatgct   180

caagtattca ttgaatggaa ggcgatgcaa tgtttcaagg gttcagtact acaagatgcg   240

ttgaacctgg   250

<210>   1809

655

<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960641H1

<400>   1809

gcttcttctg tgtgccaccc cctctttaat ttttttttttc tttagctttt ggagtttgga   60

gtctcttgaa ccatggctaa gaatagagga gagttgagga ttcatgagag tgtggatgag   120

ctaaggactg atttggcaga ctatgttgct gagttatcag aggcatctgt gaaagagcga   180

ggagtctttg ccattgcttt atctggtggt tctctcattg gcttaatggg aaaactctgt   240

gaagctcc   248

<210>   1810
<211>   206
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960664H1

<400>   1810

gtaatggaca aaaaaccatg cacgntcatn atctcannga tcctgaagtg agaaagggac   60

catggaccat ggaagaagac ttgatcttga taaactatat tgcaaatcac ggtgaaggtg   120

tttggaactc cttagccaaa gcttctggtc tcaaacgaac gggaaagagt tgtcgactcc   180

gttggctaaa ctaccttcgt cctgat   206

<210>   1811
<211>   245
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960671H1

<400>   1811

tgctgagatc attgagcatg gtatatcagg attccacatt gatccttatc ntcctgatca   60

agcttcagag ctattggttg aattttttcca aaagagcaag gaggacccag accattggaa   120

gaaaatatct aatggtggtc ttcaaagaat ttatgaaagg tacacttgga agatttattc   180

tgaaaggctt atgacctttg cgggagttta tagtttctgg aaatacgttt ccaaattaga   240

gaggc   245

<210>   1812
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960674H1

<400>   1812

ctccaacttc caacgagact gcgtgtggta tccttataga ttggctgcaa tattaccctt   60

tttcattttt gaagtatcgt ttgaaattga agtacaatgg cactttcctt cagggaagaa   120

agagatacct ttggagccat tcaagttccc tccgagaaat tatggggagc acaaactcaa   180

agatcgttgc agaacttcga tatcggtggg ccccgcgaac gcatgcccga acccatcatt   240

cgcg   244

<210>   1813
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960686H1

<400>   1813

gtcagctggg aggatattgg aggccttgag aatgtcaagc gtgagtgcaa gagactgttc   60

aatatcctgt ggagcaccta gaaaaatttg agaagtttgg tatgtcacca ttaaaagggg   120

ttctcttcta tggtcctcca ggatgtggaa aaactttgtt ggccaaagca attgctaatg   180

aatgtcaagc taacttcatc agtgtaaggg gcccagaatt gctcactatg tggtttggtg   240

aaa   243

<210>   1814
<211>   205
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960755H1

<400>   1814

657

ttcctatgtt tgatnggnnn ggaggtagaa cgtcagnnat gtctgcagtt ggcctgcttc   60

cagcagccct tccagggatt ganatnanag aaatgcttgc cggtgcatca ttgatggatg   120

angctaanag gagtactgtg nnaaggaata accctgcagc tctgctggct ttatgttggt   180

attgggctac agatggtgna ggatc   205

<210>   1815
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960849H1

<400>   1815

cacactctct ttcttctgct gcaccagcaa caacagagaa tgaacagtac tgaggagggg   60

atgcaaggca taggcatagg cataggctgc ttccaaaacg acgtcgtagg gcagctggag   120

ctgagtccca ctatgagcaa ctcctcctcc tcgctatcca tggagctgga cgagtccccg   180

gagagcagaa tccaacggtt gatatcggag cacccggtca tcatcttcac ccgatcctcc   240

tgctgcatgt gccacgtcat gaa   263

<210>   1816
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960881H1

<400>   1816

cagcctcata cagaaacttc aatgccctaa cctcttcctc cactggccaa tcactggacg   60

ccacggggct ggccaagatc cattgggtgc aaaagaatta catgatttac aactattgca   120

ctgatattag acgtttccca caaggcctcc ctccagaatg ttccattgct tgagaatgtt   180

cattattcaa ttcaatgttg catattatta tatatataaa aaaaatggtc cccatatacg   240

tgacacgtgt atgcctatta   260

<210>   1817
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960909H1

<400>   1817

cactatcatt aaccaataac caataaatac attaatcacc atggggaagt actttgctgt   60

tgttgctctc tttgtctcag ctttgtgctt ctcctctatc ttggctcgta agacacctgc 120

ccttgataaa ttcttcgttg agggcaagat ttactgtgac ccttgccact tcgcatttga 180

gtccaggctc agtttcccct tggaaggtgt taaggtaagc ctgcaatgtc tgaggagtga 240

gaatgatacc gtgacatatg t   261

<210>   1818
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960914H1

<400>   1818

caggattcag aggttttaat gactaccctc catttttgaa cctctctctt tctctctctc   60

cgagtctgag cctcgttctt cagactcgct ttctctgctc actcagagac tgagacactt 120

atcttttctg tcattggtct ctgtgtttgc ttccaaaagc tctacacgat aagccaaaga 180

ttgaaagacc ctctctagcc tattctctgt ttttttcccc tgtcccagtt gctcagatct 240

actaccaccc ctttctgca   259

<210>   1819
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960936H1

<400>   1819

ctcctgcaaa gcttccaaca ctggtggaca tgccagccaa tgtctctggc tgcggcgacg   60

gtgctgggaa ccagagaaaa tttgatttca aattcattcg catttccctc taaatttcag 120

agattatcgt cccgttatcg ctgaacattg aaagccctca tttcatgacc tatctcattt 180

ctcatcatga cctagctcca ggctttgctc cacgaaagtg ttgttgttca ggtgaggttt 240

atgttgtatc aa   252

<210>   1820
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960942H1

<400>   1820

gttctctttt ttttatcttc ttctttctgc ctccgaatta ccactctctt gctttgctat   60

cttacaggaa gaggatcaaa ataccccacc ataagacaaa tccaaaggaa cagcaacatc   120

aattatggga ggttcaatgg agaagaaggt gttgtgagag aaaaagaaga agaaaacaag   180

tggccttcat ggctgcagcc acttctcaag acacgtttct ttgttcaatg caaagtccac   240

gcagattccc acaa   254

<210>   1821
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960957H1

<400>   1821

gtgaaactgg ggcaggaaag cacgtgcccc gtgcgatttt tgtagatctt gagcccactg   60

tgattgatga ggttaggact gggacatacc gccaactatt ccatcctgag cagctcatta   120

gtggaaagga gatgcagcaa caactttgc ccgtggccac tataccattg gaaaggagat   180

tgttgagctt tgcttggacc gcatcagaaa gcttgctgac aactgcacag gtctccaagg   240

ttttctggtt   250

<210>   1822
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960964H1

<400>   1822

gtggttctgg tgcttcctca tctgttctcg acaaagtagt tcatgctgct aatgagaaca   60

taggctcaca ggaaagctct attgatctag acaaaaagac gtcggaagat ggaagtgtga   120

agaacagttc tgtttctgcc aaagttagtg atggggccag cagtcttgca aagacaagtg   180

gaagtgccaa gatcagcaac cgggctgatt ttgttgagag tggtaagagc agtatttgca   240

gaggaagcac   250

<210>   1823
<211>   248
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960965H1

<400>   1823

tttcttccaa cctctcaagt ccaacctacc cctttttctt ctcccaccaa cttcaccgtc   60

nacttcctcg atcatgtctc acttcaaggg caagtaccat gatgagctta ttgccaatgn   120

ngcttacttg gcactcctgg aaagggtatt cttgctgctg atgagtcaac agggacaatt   180

ggcaagcgtt tggccagcat cagtgtagag aatgttgaat ccaacaggcg tgctcttagg   240

gagctgct   248

<210>   1824
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960972H1

<400>   1824

gaagacgaag gacagagcaa tgcctcgatg gtagcatctg catcttcacc ttcctcggag   60

tgtttcaccc taaatgaggc tagattgaaa gaacgcaatt acctgggatt gtcagattgc   120

tcttcggtgg acagttctat tgtcccgagt ttgtctgatg agaaaaagga gaatctgaat   180

ttgaaggcta ctgagttgag gcttggactt cctggatccc agtcacctga aagggatccg   240

gatctttt   248

<210>   1825
<211>   243
<212>   DNA
<213>   Glycine max

661

<223>   Clone ID: 700960994H1

<400>   1825

gccaacctcg gcgactcgag agctgttctt ggcaggaggg atacggtgag aaagaacagt   60

ccagtggtgg cacagcgttt gtcaacagat cataatgtag ctgatgaaga ggtgagaaaa   120

gaattgaagc tctccatcct gatgactcgc acattgtggt ttataaccgt ggagtttgga   180

ggattaaggg cattatacag gtgtcaagat ctatcggtga cgtgtatttg aagaaacctg   240

att   243

<210>   1826
<211>   272
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961009H1

<400>   1826

tttggggttt ctctcttcaa actagggttt tacagaatat aagctctctc tatctttggt   60

tttcgtcatt caaatccaat ccaatatcaa atatgagtcg tcatcccgag gttaagtggg   120

ctcagagact tgacaaggtc tatatcacgg tgcaattggc tgattcaaaa aatgccaagg   180

tggatcttac accagatggt attttttacct tctctggtag tgctggtgct gaagaccatc   240

agtatgagct aaaactggag ctctttgaca ag   272

<210>   1827
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961018H1

<400>   1827

cgagtttcag actcaaaacg gcacgcacaa acgatgtcgt agcatcgggg atattttctc   60

cctctcggaa ctagccaaca gcaagagcgt ggtgaagctc tgggacacca taggcttcgg   120

cctgggcttg gacttcgatg attacgatgg ttactacgtt ggtaacgcgg cggttccgac   180

gagctccacc gcgtctccct cggtggttgt ctcggcgggg gaaggcgcgt gcgggaatct   240

ggcgctggag atctgggaca cgcgg   265

662

<210> 1828
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700961027H1

<400> 1828

aaggcagaaa gcaagctcat cctagagttt taaaaatggc agcagcctcc tccatggctc   60

tctcttcccc atccttggct ggcaaggccg tgaagctggg cccatcagcc cccgaagtcg 120

ggagggtcag catgaggaag accgtcacca agcaggcctc ctccggaagc catggtacg 180

gcccagaccg cgtcaagtac ttgggcccat tctctggcga gcccccgtcc tacctcactg 240

gcgagttccc aggtgactac ggct   264

<210> 1829
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700961046H1

<400> 1829

atcaaagttt cttcctttct ctgctctttg ccttctctga cacatttggt gccttgtaga   60

gcgtgttttg gcaggaaggt ggtatggcga aggacgttga ggttgctgag cgtggctcct 120

tctctgggaa ggactaccag gaccctccac cagcaccact cattgatgct gaggagctca 180

caaagtggtc cttttacagg gctctcattg ctgaattcat tgccactttg ctcttcctct 240

acattactgt gctc   254

<210> 1830
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700961073H1

<400> 1830

atcttctcat aagctttact taattagcaa atccaaatat ggcactttct tcttcatcat   60

cttcaacatc catatttgct ttagctttgt tcactctttt gcttatagga agttcttcag 120

ctcaactctc tgagaacttc tatgatagta aatgtcccaa ggttttctat gccgtaaaat   180

ccgttcttca atctgctttg gctaaagaac ctcgccaggg agcatctatc gttcgcctct   240

tctttcatga ctgcttt   257

<210>   1831
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961082H1

<400>   1831

catcttttgt ttgttcttca gtactttagt gtgtgattta attccaagat tttgagaatg   60

tctagctgtg ggtgtggaag tagctgcaac tgtggcagca actgcggttg caacaagtac   120

tcttttgact tgagctatgt tgagaagaca accacagaga ctcttgtttt gggtgttggg   180

tctgtgaagg cccaattgga gggtgctgaa atgggtgttg cagctgagaa cggtggctgc   240

aactgtggat   250

<210>   1832
<211>   237
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961111H1

<400>   1832

ctcgttgaaa tgaaaatggg ttcttctttg tggactttgt gtctaatttt ggcttcacta   60

gcctcttctg cattctgtgc ctttccacgg aggccagtgg atgttccatt cggcagaaac   120

tacgttccca cttgggcttt tgatcacatc aaatacttca atggaggttc tgagattcaa   180

cttcatcttg acaagtacac tggtactggc ttccagtcca aagggtcata cttgttt   237

<210>   1833
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961115H1

<400>   1833

```
ctcatgaatg ttcatcagca agggccagtt catctagtca gtctgacaac tcttgtatcg    60

agtgtcctgt ttgtcggagg tttatctgtg tggactgtaa ggttccttgg cattcttcta   120

tgagttgttt agaataccag aacctgccag agaaggagag ggatgtttct gacattacct   180

tgcatcgtct tgctcagaat aaaaggtgga agcgctgtca gcagtgtcgt agaatgatt    239
```

<210>   1834
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961116H1

<400>   1834

```
gtaatgtagt gcttaatgta gcttgactgt taaatgggga tttgagtagg ctttatttgg    60

cattcagata gttatgaaat ctgaattgac ttcagtttct tgctaacctt ggtgagaagc   120

agactttgta gctggatctg aatggtgcac tatgaatcga ccatgtactt taactgtttt   180

aacattttct agccagttgt taggtttcta gtgtttctgt aatcacaggg cagcgttatt   240

caa                                                                 243
```

<210>   1835
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961204H1

<400>   1835

```
ctatttttca agtaacttaa ggtttcaaac ctaggaagtt ggaagtcatg gcagcaacat    60

tgatggcagc aacaacaagt tctggtactc ttaaagcaac tcctttcctt ggccaaggca   120

agggtgccaa tgccaatgct cttagggatg ttgtctccat gggaactggg aagtacacca   180

tgggcaatga tttgtggtat ggaccagaca gagtgaaata cttgggaccc ttctcagctc   240

agaccccttc atacttgaaa ggagaattc                                     269
```

<210>   1836
<211>   265
<212>   DNA
<213>   Glycine max
```

<223>        Clone ID: 700961212H1

<400>        1836

aaatgattga gtctggcttt cagcctacta tttttgttct gacatcgctt gtccagtgct    60

atgggaaggt tggacgtact gatgatgttt tgaagacatt taatcaactc ttggatttgg    120

gcatcagtcc agacgaccgt ttctgtggtt gtcttctgaa tgttatgacc caaacaccaa    180

aagaagagct tggtaagcta aatgattgtg tggagaaggc taatccaaag cttgggtctg    240

tgctaagata tttggtggaa gggct                                          265


<210>        1837
<211>        265
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700961213H1

<400>        1837

aaagaaagag gtgaagtcaa atggtcctta gttctgggag tgttgatgct tgagtcttga    60

cggaacgaac ggaaaagggg atctcaatgg acaacaccaa gccccttatc gaactggaac    120

tcgacgatga tggcagaatc agaagaaccg ggaatgtgtg gactgctagc atacacatta    180

taacagtggt tgtaggggca ggggtgctgt ctttggcatg ggttatggca caactaggat    240

ggttagctgg catagccagt atcat                                          265


<210>        1838
<211>        264
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700961241H1

<400>        1838

gtttgaatga tccctaccaa ttcttgcagc actttcggaa atgatcttga acccacaagc    60

aactggctag aagtgatttt cagtatatgc atagtactca gtggactatt gcttttcaca    120

ttattgattg gtaacattca ggtattctta catgcagtca tggcaaagaa gagaaagatg    180

cagctgagat gtcgtgacat ggaatggtgg atgaggagga ggcagttgcc atcgcgatta    240

agacaaagag ttcgccattt tgaa                                           264


666

```
<210>      1839
<211>      263
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700961244H1

<400>      1839

agcgagcgnc gtctntgncg accgcgtctn ccttcgnatt cgcntccgcc gcggactnct    60

ctgtcatgga nntctgccgc ggatcggcga ttcagctgct gaatttcgcc gacgncntcn   120

cgatcgggag ccggtcgccg naaaggctgt tccgaancct cgacgtgttc gagacgctgc   180

gtgacctatt tccggagttc gaggctctgt ttgctgatca gtttagtgtg tcgctcagga   240

atgaagcgat tacgatttnc aag                                           263


<210>      1840
<211>      262
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961249H1

<400>      1840

aatcaattaa ctgaatgctt agagagagaa agaggagaag gagtagtgat aaggtgatca    60

tagagcatat tataagagag tgaaaactaa tggaggttgg cctcaagaag gagaacatgg   120

ggtttgagga aactgagtta aggcttggac tgcctggaaa cggaggcact gaagaagtgc   180

tcatcaggaa gaggggtttc tctgagactg aaactggtca tgaagatgag tctgccacca   240

ctgtggattt gatgcttaat ct                                            262


<210>      1841
<211>      268
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961265H1

<400>      1841

cttatagctt catcccaaaa agctcttttc cttctaaatt tgattcctta gttcagcatt    60

ctattattat atatggcttc ttcaccttcc tcagaaaaca aaaacctaga gggagtagct   120
```

667

ggtggtgccg gagagaaacc cattccactt ggtgagaacg ttctgcagaa gcatgctgca   180

ttctttgact tgaataaaga tggtgtcatc tacccatggg agacttttaa agggttgcgt   240

gaaatcggga ctggggtttt gctgtccg   268

<210>   1842
<211>   262
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700961280H1

<400>   1842

attaaaacgg taaaacgaac acaccctngt tacttggacg tggaaattca cgttcgcgct   60

nccttttttat cttggcattg cgtttgtgtg tgtgtgcaat atcacacaac ccaaccttat   120

tcgttcttct gttgttctga ggcgagccat gacggacggn catctcttca acaacatcac   180

cctcggtggc cgtggaggca ccaatccagg gcagataaaa atatatcctg gaggaattgt   240

atggaagaga cagggtggtg gt   262

<210>   1843
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961295H1

<400>   1843

ggttacttca gcttccacat atcttgaaga attgatcaat gggcaagtct gtagttgaga   60

agctactttg gatggcaatt gtgtgcttgg tgctgggtgt aatttccatt actcccaagg   120

cccaagcagc agtgacatgc aaccaggtgg tgagcaacct caccccatgc atttcttatg   180

tgctcaatgg tggcaaaacc gtgcctggcc cttgctgcaa tgggatcaag accctctta   240

acctcgctca ctccacacc   259

<210>   1844
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961304H1

<400>   1844

cttgtctcac gatctcaacg gagcacctct cttcaggtcg ccatctagac tgcaatcatg   60

gctgatggac cacagcatcc atcagttgtt cagaagctag ctggacagtc ttacctggtg   120

tccaggctaa gccccaactt taactctggg aattattcct cgactggttc ttacttcaat   180

ggaggactgc actcttctgg gttggctgtt gtgtcgcctg gatctccagt tactgtgcat   240

gct   243

<210>   1845
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961316H1

<400>   1845

cacaatgaat gcattaaaaa acttaggtct caatgttgtt aaggcaaatg tctttctgga   60

ttcatctggc aagcacaaca agttctccat cacaaaagct gatactggca gaaaagtgga   120

agagccagag ttgttagagg caattcgttt aacaattata aataatctta ttcagtacca   180

cccggaatca agttcccagt tagcattggg agcagctttt ggacttctgc ctccaaaaga   240

gcaggttga   249

<210>   1846
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961319H1

<400>   1846

ttacaatata gtatatatta ttactgctcc atattgctga accatccttc tagaattcca   60

atgaaatgta tattatccaa ttaatcccaa agggtttaag cataaagcaa tcattacgtg   120

attcctttta cttttaacat catttcattt tttggttcag ctgtacattg taacatttct   180

agatattgtt agagttgccc cttgccactt tataaatagt gaaatactat caaactgact   240

ttt   243

669

<210>   1847
<211>   72
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961352H1

<400>   1847

caagaaccag gttgtttgag tgttttttat tatcaatgtt atctgatcaa taacactatg   60

cttggatttg tc   72

<210>   1848
<211>   78
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700961355H1

<400>   1848

aanggttgnc annctccatg tgttagcctg tagcctttgc tccttncgtc gtgnggtgtt   60

atnganggac agtgagna   78

<210>   1849
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961356H1

<400>   1849

ctttaatccc tcgcctatat cttcagaaaa ttagatctgc ttcagatcta gggtttccct   60

tttccaaatc acgagtccgt tgagtttgat tttgtggatg aaagcatagg gatagggctt   120

ttgcaaacct ctccaatgtt tctcgaaatt atatgaccat gcgtcgaatt cgtatgctgc   180

actccttctc cgtcgtgttc ctctactggt tctacgtttt ctcatgaact ccctctcaaa   240

t   241

<210>   1850
<211>   84
<212>   DNA
<213>   Glycine max

670

<223>   unsure at all n locations
<223>   Clone ID: 700961366H1

<400>   1850

gcttgtaata cgaanacaaa gcntccatgg gaagaatggg tggnggaaan ggccacnttg   60

gtncttcctt gntngagggn agna   84

<210>   1851
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961381H1

<400>   1851

tctcacacaa aataatggac aagaagcttg gcaacacgtc tcatgatcct gaagtgagaa   60

aggggccatg gacaatggaa gaagacttaa tcttgatcac ctatattgcc aatcacgggg   120

aaggggtttg gaactctttg gccaaggctg ctggacttaa acgtaccgga aagagttgcc   180

ggctccggtg gctaaactac ctccgtcctg atgttagaag agggaatatt acaccc   236

<210>   1852
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961382H1

<400>   1852

attggggtgg cctgatatgc gtttgccaat cctctataca ttatcatggc ctgacaggat   60

ttattgttct gaagtcactt ggccacgcct tgatctttgc aagcttggtt cacttacatt   120

taaaactcca gataatgtaa agtatccatc catgaatctt gcattttctg ctggccgtgc   180

tggaggcaca atgacaggag ttcttagtgc agcaaatgaa aaagctgtag agat   234

<210>   1853
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961392H1

<400>   1853

cctggcttgg cctccccaac ttacctcaat ggcactcttc ctggtgacaa tggatttgac   60

cctctgggac tagctgagga cccagagaac ttgaggtggt acgttcaagc cgagcttgtg   120

aatggacgtt gggccatgtt gggtgttgca ggaatgctac ttcctgaggt tttcaccaag   180

attggaatca tcaatgcccc tcaatggtat gatgctggga aatcggagta ct   232

<210>   1854
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961403H1

<400>   1854

gcgaaaaaag gtggcgaatt agtttttggt ggtgttgacc caaagcactt caaaggaaac   60

cacacttatg ttccaattac tgaaaaaggt tactggcaga ttgaaatagg agattttttc   120

attggaggtg tttcaactgg tgtttgtgag ggtggctgtg ctgctattgt ggattcagga   180

acatctttgc ttgctggtcc aactcctgtt gtggctgaaa tcaaccatgc tattggagct   240

gaaggagttc tcagtgt   257

<210>   1855
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961404H1

<400>   1855

agatacccaa agtagaaata tgggcaagtc aaacaaaaag aagcatccaa ctaaaaagaa   60

aaaggtgaac tctgaagcag aagtgataac agttggggca ttagacaact tgcaacaaat   120

ggacaaattc agcacaagag cagtaaccct tgaaggttat tatggcacac agcagagcgt   180

gcaagggatg ttgaacttga tgggaccaac acgtgatgat tactacggga atcaacagac   240

acttcagggg ctgggacc   258

<210>   1856
<211>   258
<212>   DNA

672

<213>   Glycine max

<223>   Clone ID: 700961406H1

<400>   1856

tgaagatgat attggacttt tacctctccc tccagatgtc agcaactact tgatgtctga   60

ggatgtaccg aatggtaatg ctaatgcccc catcagtgaa ggaatcaatg gtgcagaagt   120

ggaacgaagg ttaagccaac ctgatgataa attttcggtt gatttagtca cccgacccat   180

gacaaacagt gttgaattca gacatgaaac ctctcagcca actgctggta ttatttcaaa   240

tgtcactggc cctgcatc   258

<210>   1857
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961410H1

<400>   1857

gattgtttgt tgttgtaact cgttcttctt cttttgttgt tctgtgtttg tgtttgtttt   60

ttctctcacc tgaaaatgtc ttgctgcggt ggtaactgtg gttgcggaag ctcctgcaag   120

tgcggcaacg gctgcggagg ctgcaagatg tacccagact tgagctacac tgagtcaacc   180

accaccgaga ccttggtcat gggagtggca cctgttaagg ctcaatttga gggtgctgaa   240

atgggtgtgc ccgctg   256

<210>   1858
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961448H1

<400>   1858

cagaacaggg actcactctg gcagcggcac tctcggtggc tataatcttt ctgtggtgag   60

ttgtcaagat gtacacatca aggaagaaaa tccacaagga taaggatgct gagccaactg   120

aatttgagga atcagtcgga caggcattgt ttgatctgga aaataccaac aatgagctga   180

aaagtgatct gaaagattta tacataaact cagctgtcca aattgatgtt tctgggaacc   240

gcaaggctgt gg   252

<210>   1859
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961479H1

<400>   1859

ttcaactctt ttccatttta ttattcttcc aaaactggac cttactttac ccgaatctaa   60

atcccaaccc gaaccaacca tgttcggacc aacccaaacc gcttcccaac ctccgaaatc   120

cactctcaaa ttcctctgca gctacggcgg caaaattctc ccccgctacc ccgacggcaa   180

gctccgttac ctcggcggcc atacccgcgt cctcgccgtc gatcgctcca ttccattctc   240

cgagcta   247

<210>   1860
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961491H1

<400>   1860

caatttaaac acagaaacaa aatcaccacc ttcaaagtct tctctctcga gaatcatcga   60

ataaaactag ggtttccgat cgtcgtcgag gagaatgccg aagaacaagg gaaagggagg   120

aaagaaccgg aagcgcggga agaacgaggc ggacgacgag aagcgggagc ttgtgttcaa   180

ggaggacggc caggagtacg cgcaggtgct ccggatgctg gggaacggcc gctgcgaggc   240

gatgt   245

<210>   1861
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961509H1

<400>   1861

gaacatacca atctacaata aacgatgatt ctcattatct ccctcatttt ttctcttctc   60

tctttctccc atgcttctgt cctagatttc tgtgttgcag attatgcagg tcctattgga   120

cctgcaggat attcctgcaa gaagccttca aaggtcacag cagatgattt tgcttacagt   180

.ggccttggca ttgctggtaa cacctcaaac attatcaaag ctgcagtgac ccctgcattt   240

gatgctcag   249

<210>   1862
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961518H1

<400>   1862

cttctgtctc tagaattatt cctggacaaa gaactgctgt tttccaacgt tacttgcgtc   60

ctgagaagga ctatttgtct ttttcactta tttacagtaa cggaaagcga tcgcttgatt   120

tgatttgcag agataaagtt gaggcagaag tgtggattgc tggcctcaaa gcactgatag   180

cttctggtca aggtggtcgg tccaaaattg atggatggag tgatgggggt ctcattctta   240

atgatag   247

<210>   1863
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961521H1

<400>   1863

ctcccctttg ccgctgttgt tgttgctgca ccaccgaaca acttcccctg taaatcgcgt   60

ttcgtttgtg caaggtttta aaagatggct gatgctgagg acattcaacc tcttgttgtt   120

gataatggaa ctggaatggt caaggctggt tttgcaggtg atgatgctcc tagggccgtg   180

ttccccagca ttattgggag accacgccat actggtgtaa tggttgggat gggtcagaag   240

gatg   244

<210>   1864
<211>   117
<212>   DNA .
<213>   Glycine max

<223>   Clone ID: 700961540H1

<400>   1864

ggttaggccc aaatatgcag tttttctccc ccttgtgaag atgtatacat gtgctggaaa   60

actcagtgta acccggaaat gtagattatg tctaatgtct aatatttcat tctagtt   117

<210>   1865
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961546H1

<400>   1865

gtcgttgtga aaacactgca acgttgggtg agagaaaaaa tgttaacctt cctggtgttg   60

tggtggatct acccacactt actgagaagg ataaggaaga cattcttgga tggggtgtac   120

ccaacaagat tgacatgatt gctctttcat ttgttcgtaa aggctcggat cttgttaatg   180

tccgcaaggt tctggggcca catgcaaaga atattcagtt gatgtcaaag gttgagaatc   240

<210>   1866
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961554H1

<400>   1866

ctgaaagaag gaatttgtac tagtatggtg caactgcaag cagtagtgag tgatgaagat   60

gaaaagtggt ttccatttaa ttgaagtggt agtatgctag ccaggtagca tttacatatt   120

tgctttggtg tgtggcactg caaattaaga gcaaacaaag tcttggtctt tgtggctgtg   180

aagaagggaa gggatgcttt gcttgatgct tggaaaaaca aaaacaaaaa ggcatgagga   240

t   241

<210>   1867
<211>   237
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961563H1

<400>   1867

atcatcagtg ctgtattgac cagtcgagca atattccaaa ggatgaagaa ttacacaatc   60

tatgcagttt ccatcacaat ccgtattgtg cttggtttca tgttactggc cctcatatgg   120

caatttgatt ttccaccatt catggtgctg attattgcta ttcttaatga tggtaccatt   180

atgacaatat caaaggacag ggtaaaacca tctccatatc cagatagctg gaagttg   237

<210>   1868
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961565H1

<400>   1868

gaaccagttt ggaatatatt tttattcctt ctttgtttct tcactttctt ccatacacat   60

aaccatgtct tctcagaccg ttgtcctcaa agttggtatg tcatgtcaag ggtgtgctgg   120

agctgtaaac agggtttttgg aaaaaatgga aggtgttgag tcatttgaca ttgatctgaa   180

ggagcagaag gtgacagtga aaggaaatgt gcagccggac gaagttctgc aagccgtttc   240

c   241

<210>   1869
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961571H1

<400>   1869

caacatcatc cgggatgtaa acggaattgc cactttccag agaacgaaag gaacaaggaa   60

atattgaatc tgtacgttgc cttttaattc tggtggctgg tgatcatgtt aaattacatt   120

tgtcctttct attagcataa tttggtttgt aaattctttt aagtgccatt tttatttcaa   180

gggaaatctt aagggcagca atagttgaat tattccaggg caacaaggct atggtgta   238

<210>   1870
<211>   240
<212>   DNA
<213>   Glycine max

677

<223>　　　　Clone ID: 700961572H1

<400>　　　　1870

gtgatttcag tgagtgatcg gtgttcactt gatctcatca taatcgtcag cgtcaattga　60

agaagatgcc gatcagaaac atcgccgtcg gaaggcctga agaggcgact caccccgaca　120

cgttgaaggc ggctttggct gagttcatct caaccttcat cttcgtgttc gccggctcag　180

gctccggcat cgcctacaac aagctcaccg acaacggcgc tgccacccct gccggcctca　240

<210>　　　　1871
<211>　　　　237
<212>　　　　DNA
<213>　　　　Glycine max

<223>　　　　Clone ID: 700961578H1

<400>　　　　1871

atcaaaactt ttatcatgtg actcatcgat ggatttatct cttccacatt ccaatcagag　60

gtttagcact ggagcatcaa ttaactcacc cactaatcaa aacatcagtt ctcaccctcg　120

tggatacttt cagcattccg aacaaattgg ttcagagttc tcaacagttc cccttacatc　180

atcagatagt aaaactacta gttcaagact tcctagatac taaatataca ttttttt　237

<210>　　　　1872
<211>　　　　237
<212>　　　　DNA
<213>　　　　Glycine max

<223>　　　　Clone ID: 700961586H1

<400>　　　　1872

aaaagcttaa caggaactgc acgttatgca agttgcaaca ctcacatggg aattgagcaa　60

agttgtcgtg atgatttgga gtctcttggc tatgttctta tgtacttttt aagaggaagc　120

cttccttggc agggtttgaa agctgctacc aaaaaggaaa aatatgacaa tatttgtgag　180

aagaaattat caactaccat tgagatgctt tgcaagtcgt atcctgcgga gtttgct　237

<210>　　　　1873
<211>　　　　210
<212>　　　　DNA
<213>　　　　Glycine max

678

<223>   Clone ID: 700961625H1

<400>   1873

ccatcttcga gatttttcgt tgcccttatt gttgggctct gaaggtaagt ttcacatttt   60

tcctgttgta acgctgtttt agttgttaaa aactactttc aatgctcaac cttgtcgtag   120

taccagcagc agccttaagt ctttgaaacg aggatgtatt aaaatgatgc cccaacagat   180

ttgcggaagt tgcgaagata atttctttct   210

<210>   1874
<211>   273
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961630H1

<400>   1874

ctgtcatcga ccatatcact ttggtcacct tcagatacat tcgtcgcatt catccattta   60

acttccacaa attcctacaa attctaacca aacccttcac tactccaaat cccacaactt   120

ctctcttttt tttccctcct tcttttccct ttttctgttg tccgatcttc tgcctcctag   180

atcttggtat ttgggattga tcacctggag ttggaaatgg ttaaaagtta tggagtgttc   240

tgatttgcga aagatatcat gttgcagtgc tta   273

<210>   1875
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961639H1

<400>   1875

gcaaataaag cacagaacag ttgaagtgaa tggcataaaa atgcatgttg cagagaaagg   60

agagggtcca gtggtgttgt cctccacgg cttccctgag ctctggtact catggcgcca   120

tcagattctc tctctcagct ccctcggcta ccgcgccgtc gctcccgatc tccgtggcta   180

cggtgacacc gaagcaccac cttcaatcag cagctacaac tgcttccaca tagtgggtga   240

tctcgttgcg cttattgact ctctgggtg   269

<210>   1876

```
<211>      267
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961659H1

<400>      1876

ggattttaat agccacactc taactggtgt ggggtttttt aaccccccgg ctagggaaaa      60

cagcgtgaaa aagttgcagc aagagataaa acttgaataa gttcatatat ttgaagtccg     120

atcaagcatc aattctcata ttgctgtttg tgatcttttt tcattttcat tttttccacc     180

ttttcttctt tttattacag tttatgctgt atttgtaccc ctatcaaggc acatgtatct     240

taattatgct gtttgttatc ctgtcta                                        267


<210>      1877
<211>      266
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961665H1

<400>      1877

gtgtgagagc aaaatcaaaa tgtgggcaag cgcagaaggt ggtgctccgg aggttactct      60

ggaaacttcc atgggttctt tcaccgttga gctgtactac aagcatgcgc cgaggacttg     120

taggaacttc attgaactgt ctcgccgagg ttactacgac aacgttaaat tccacaggat     180

catcaaggac ttcatagtac aaggtgggga tcccactgga acaggaaggg gaggagaatc     240

catatatggt gcaaagtttg aagatg                                         266


<210>      1878
<211>      257
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961704H1

<400>      1878

aaaatgccca ctttttttct tccaacgctc ctcctccttc tcatagcctt cgccacctct      60

gtctccggcc gccgtgacct cgtcggagac tttctccggc tgccctccga aactgataac     120

gacgacaact tcaagggcac ccggtgggcc gtcctcctcg ccggttccaa tggttactgg     180
```

aattacagac atcaggctga tgtttgtcac gcctatcaaa tattgaggaa aggtggtctg   240

aaagaagaaa atattat   257

<210>   1879
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961714H1

<400>   1879

attcattcaa gattcagcaa gtgcgttttg gaagcagaga ccgaaatact tcgagatggc   60

ccgtacaaag caaactgctc gtaagtcaac tggaggaaaa gctcccagga agcagcttgc   120

aaccaaggct gcacgtaagt ctgcaccaac aactggtggt gtgaagaagc ctcatcgtta   180

tcgccctgga actgttgctc ttcgtgagat taggaaatac cagaagagca ctgagctcct   240

aatcaggaag   250

<210>   1880
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961770H1

<400>   1880

atccgcaacg gaggcagaga ttgagcgtat gatatgagag agaagacgga acaaaatcaa   60

gggcggagaa tgccccatgg ctgacatcat gtcggttaac actttattca gacaacacta   120

tactcattaa tcaaaatcaa atgacctaac cactctctct ttttcccaat tttcgaatct   180

ctctcctcca tggacccaac ttcgatccct ccccctccgg ccaccaccgt ccccttcact   240

gtcgaa   246

<210>   1881
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961778H1

<400>   1881

```
tgaaaacgtg aagaagagtc aatatgctgt cagaggtgaa ttataccttc gagcttctga    60

acttcagaaa gagggcaaaa agattatctt tactaatgtt ggcaacccgc atgcattggg   120

acagaaacca ctgagcttcc ctcgccaggt tgttgctttg tgccaagctc cattcctact   180

tgatgatcct aatgttggac tgctattccc tgctgatgca attgcaagag ctaaacacta   240
```

```
<210>      1882
<211>      243
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961785H1

<400>      1882
```

```
gtgtagactg tcgagcagtg aataccagtt gctcctatag ccggcgctca acaacatggc    60

ggacaaggca gtcaccatcc gaaccagaaa gttcatgacg aacaggcttc tctccagaaa   120

gcaattcatc gttgatgtcc ttcatccagg gagggctaat gtttccaagg ctgaactgaa   180

ggagaaattg ggcagaatgt atgacgtgaa agacactaac actgtatttg tcttcaagtt   240

tcg                                                                 243
```

```
<210>      1883
<211>      238
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700961790H1

<400>      1883
```

```
gccagttcgt ggaggccgtg gaggtggacg aggtggggga cgtggatttg gacgtggtcg    60

tgggtttagt cgtgactcct cgantgatga gaactcattc cctaccagca gagctcctta   120

taatcagggt cctttttgaag aaggagatgc tgggaagtct tctgaaagac gcagttatgg   180

tggaccacga gttccttacc gtggtggtcg tcgtggaggt ttcagcaatg gtgaaatg     238
```

```
<210>      1884
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961802H1
```

<400>   1884

gacaaaatga agagtttttt gttgtggcgt gtggccattg tggaaaaaaa tagaccctat   60

gttgcaatgt tgttcattca gtttgtgtat gctggaatgg ccttgctttc caaggctgca   120

atttccaagg gaatgagccc ttatgtgttt gttgtttata gacaagcctt tgcatcagtt   180

gctctatctc catttgcttt ctttgacagc aagcaaccag ctcctttgtc atgcaacttg   240

ttgtgcaaat   250

<210>   1885
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961805H1

<400>   1885

cagctatttt tctaaagctg taaaatttta tttttgattt tttgagatct tagagatgtt   60

ttttgaggga aaagtcaaac cataaagcta tggattttat tttcttgtta gctaatcagg   120

tgccatgttt ctccgaaggt gtcccattag gggtccaatg tttttgtatt tcattagtct   180

caatttactt atttttgttg acatagtaat tgtttaactt gtcagttcat aaataacatt   240

atcg   244

<210>   1886
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961812H1

<400>   1886

ctcttggcat cttgtgttgt gtccctcttt taagctattt ccttctctta acacaattgg   60

ttgtgccaat tgccatagtc accaaccaat taacaaaggt atatatatca tcatatcatc   120

accaaatgaa aaatattggg ttgttttttc ttgtggtggt ggctactttt gtggtggcag   180

ccacagctgg tagcttttac caagactttg aaataacgtg gggtggtgag cgtgccaaaa   240

tc   242

683

<210>   1887
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961813H1

<400>   1887

gagatttcat tccccatcaa atctcttcct tctctctcct catttccaaa gttcccaact   60

ttcctaaccc gagctgcaag gaatgccgct gatattagcg aaaagcgatt cgatccagat   120

tcgcgaggtg tggaacgata acctggaaga ggagttcgcg ttgattcgcg aaattgtgga   180

caactaccct tacatcgcca tggacacgga gtttccgggg atcgttctcc gaccagtggg   240

gaa   243

<210>   1888
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961817H1

<400>   1888

aaggacttga aaatgtgatt gcaagacaca gtcgtttagg caaagcaacc agacttgctg   60

tagaggcatg gggtttgaag aattgcaccc aaaaggaaga gtggtacagt gacactgtga   120

ctgctgttct tgttcctgct tacattgata gtactgaaat agttagaagg catggaaga   180

gatacaattt gagcttaggt cttggactga acaaagttgc tgggaaggtt ttcagaattg   240

gacatcttgg   250

<210>   1889
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961891H1

<400>   1889

catctcctga gatgctatgc tgtttttgcc ctgctccttt taggcagttc cttgagattg   60

tagtaaacat gaagtttgat gaagaaccta actattccag gctaatatct ttgtttgatg   120

gtatgcttgg accgaatcct gcattgaggc caattaacac tgaaggtgct caaaaggttg   180

684

ggcagaagag gggtagattg aatattgagg aagaggatga ttcacagccc aa   232

<210>   1890
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961901H1

<400>   1890

gtttgggtct tttaacacgc aaaacgacgc cgttgagaat gggaataatg ctgaaacgcc   60

gttgatggaa tcggccaagg tttcgattct tgactccggc gcctcgatgt tctccggcat   120

ggaggtggct gcgcggacga ctctgccggt gcggggacgt gctgccgtga agttccggtg   180

gggagttagg attccggcgg agttcaaggg gaacaacgcg tttcagaaga ttccgtttct   240

cgtaatggat aagatcggcg tgga   264

<210>   1891
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961910H1

<400>   1891

gccgccgcag agttcctcgc atttgaatga agagaagaag aaaccgaggc ccaaggatgt   60

tttcgggcgg cctcttccga ctgaggagga attcgaagtt cttaaaaatg cgcctaggct   120

ggaaacagga gctcctgcca gggtgaaacc ttttggaatt gaagtccgta atgtaaaatg   180

cttaagatgt gggaactatg gtcaccaaag tggtgatcgt gagtgtccct tgaaggatgc   240

tataatgcct aatg   254

<210>   1892
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961918H1

<400>   1892

gaggatatag aagaaggagt agaaggtact ggatttgatg atgagaaatc actacttatg   60

tcacaaatga gtcttgagaa aaggtttggt cagtccgctg tctttgttgc ctctacgctt 120

atggagaatg gtggtgttcc tcaatctgct actccagaaa ctcttcttaa ggaggctatt 180

catgttatca gctgtggtta cgaggataaa actgattggg gaagtgagat aggatggatt 240

tatggttctg tcacagaa 258

<210>   1893
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961928H1

<400>   1893

ttctccattt ccattttctc tctcactttt caagaatcgt aagctatggg aaagtcttac 60

ccaactgtga gtgctgatta ccagaaggcc gttgagaagg cgaagaagaa gctcagaggc 120

ttcatcgctg agaagagatg cgctcctcta atgctccgtt tggcatggca ctctgctgga 180

acctttgaca agggcacgaa gaccggtgga cccttcggaa ccatcaagca ccctgccgaa 240

ctggctcaca gc 252

<210>   1894
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961933H1

<400>   1894

aaaggcttaa aaatgagcaa gtctttgggt aatgttgtgg atccacgttt agtgattgaa 60

ggaagtaaaa atcaaaggga atcacctgca tatggagctg atgtcctccg actctgggtt 120

tctagtgtag attatacaag tgatgtgatg attggcccac agattcttcg gcaaatgtct 180

gaggtttaca gaaagttgcg aggaactttg agatacctct tggcaaatct tcatgattgg 240

aaaacagaat acactgttc 259

<210>   1895
<211>   241
<212>   DNA
<213>   Glycine max

686

<223>   Clone ID: 700962010H1

<400>   1895

ttttctctct cgatacaaaa atacatagaa atggcctctt ctcttgcatc ctcatcaact   60

gttctctgga tccttttct aaccattgca actcttcatt tgagttcagc caggaagttg   120

tccgggtcag acccgcagtt gcagtttcaa taccacagag gccctctcct caaaggcaaa   180

atctcagtaa acctcatttg gtacggtaaa ttcaaacctt ctcaaaaagc catcgttgct   240

g   241

<210>   1896
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962012H1

<400>   1896

caattgttga aaatattctt aaatatccat actttgaaaa tagacaattt agttcttgat   60

agatttatga gacctattct gtatgttaat cttgggtatc atgttatcat cattattttt   120

attattttac atgaatcttg ggttgtagca tttgcgatca ttggtttgtt attggtgaat   180

ttacgtaaat gttggctgat ggttgctgca tctcttttga tcttttttgt ttttgg   236

<210>   1897
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962014H1

<400>   1897

cttggaggct tcatccttcc aaaacgtgaa attcctgatt ggtgggtgtg ggcttactgg   60

gtgtcaccat tgacatacgg ctttaatgcc ttgtctgtga atgaaatgtt agctccaagg   120

tggatgcatc cacagacttc ttctgataaa aataccacat tgggtctatc agtactaagg   180

aactttgatg tttatgctaa aaaagattgg tactggattg gagctgctgc tcttc   235

<210>   1898
<211>   235

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962015H1

<400>   1898

ttcgaataga ttatcctaag tctttgggaa tagtgctgca atggcttcaa gtcaggagga   60

ggtgaccctt ttgggagcta ctggaagccc atttgtgtgc agggttcata ttgccctcaa   120

gttgaaggga gttcaataca aatatgtcga agaaaatttg aggaacaaga gtgaactgct   180

tctcaaatcc aacccagttc acaagaaggt tccagtgttt attcacaatg agaag   235

<210>   1899
<211>   233
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962031H1

<400>   1899

ccccatacac ctacaatcta agaaacacag gccctgatga tgtttacatt aaagttcact   60

actgtggaat ttgccattct gatctccacc agattaaaaa tgatcttggc atgtccaact   120

atcccatggt cccaggacat gaagtggttg gtgaggtact ggaggtggga tcaaacgtta   180

gcaggttcag agtgggagag ttggtgggag ttggactcct cgtaggttgc tgc   233

<210>   1900
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962045H1

<400>   1900

gcttcatctt gataaataca caggtactgg cttccaatca aaagggtcct acttgtttgg   60

tcacttcagc atgtacataa aattggttgc tggtgattca gctggcacag tcactgcttt   120

ctatttatca tccacaaact cagaacatga tgaaatagac tttgagttct tgggaaacag   180

aaccgggcaa ccttatattt tgcaaacaaa tgtgttcacc ggtggcaagg gt   232

<210>   1901
<211>   231

688

<212> DNA
<213> Glycine max

<223> Clone ID: 700962046H1

<400> 1901

aattagttca ttctctttgc gcagttccct acctctcctt tcaagatgca gatcttcgtc   60

aagaccctca ccggaaagac catcaccctt gaggtggaaa gctctgacac catcgacaac   120

gtcaaggcca agatccagga caaggaagga attcccccgg atcagcaacg tctcatcttc   180

gccggaaagc agctcgagga cggccgtacc ctcgccgact acaacatcca g   231

<210> 1902
<211> 235
<212> DNA
<213> Glycine max

<223> Clone ID: 700962057H1

<400> 1902

cagatttcaa agcagctgta gcaagggctg gccatcctga atgggaactg ccagatgacg   60

caggcaagta caatgatgtc ccagaatcta ctggattctt caaatcaaat ggcacgtatg   120

tcactgagaa agggaagttc ttcttgacct ggtattctaa caaattgctg aatcatggtg   180

atcaaatact agatgaagcc aacaaagctt cctgggctg taaagtcaaa ttagc   235

<210> 1903
<211> 232
<212> DNA
<213> Glycine max

<223> Clone ID: 700962058H1

<400> 1903

ctatgcttcc cagattactg ccaaacccag gcttcttgag cctgtctacc tggttgaaat   60

acaggctcct gaacaagctc ttggtggaat ctacagtgtt cttaaccaga agcgtggaca   120

cgtgttcgag gaaatgcaga ggccaggtac cccactatac aacatcaagg catacctccc   180

tgtcatcgag tcctttggtt tctcgagcac attgagggct gcaacatcag gc   232

<210> 1904
<211> 229

689

```
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700962060H1

<400>       1904

gagatgttga ctgcctccaa tcttattcct ggtgctgtct attggaccat tcggagtatt       60

gtgtcctgtg catcgcatat tttaggcata actggcttgg gtcaaggata tatgacatca       120

acaacagaga cttgggagct ttccagtttg gcccataagc ttgataacat aaatagtcac       180

cttcgaaagc aactcaccgt ttgtcgtcag catttagatg ataacagac                   229


<210>       1905
<211>       230
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700962061H1

<400>       1905

agaaagtctt ttgcttttga ttctgatgcc cctggtgctg gcatgactga gaaaagaaaa       60

gtcttcgaga tggctctgag cacagcagat gccacattcc aaaatcttga ttcatcagaa       120

atttccctca ctgacgtcag tcattacttt gactcagacc cgactaatct ggtacaaaat       180

ctaaggaaag atgggaagaa gcctagtgca tacattgctg atacaaccac                   230


<210>       1906
<211>       229
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700962063H1

<400>       1906

gaagcactga gcagttgagg aaatgggaac ccttgggaga gcgatctaca gcgttggtaa       60

ctggattcga gaaactggac aggccattga tcgtctcggt tcccgtcttc agggcggtta       120

ctacttccaa gagcagctct ctaggcatcg aactctgatg aacatatttg ataaggctcc       180

tgttgttgat aaggatgtat ttgttgcgcc aagcgcctcc gtcattgga                    229


<210>       1907
<211>       229
```

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962079H1

<400>   1910

ctcttttttga aaacacttta gtttcgcaaa gttgattctt tctctctttta tctttctttc   60

cccaatttgt gagtgttact gttgaatcga ttggattggc attaggttga tctgaaatac   120

gcaattgaca tggcgagcgc gatggtagag gacgcgaact tcgaagatga ccaactagcc   180

aatatgacca ccgacgacat cgtcagagct tctcgtcttc tcgacaa   227

<210>   1911
<211>   242
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700962082H1

<400>   1911

gaaccgtcga gctcgctgga agaccaagac gctggagaag gattacgagg ctctgcatgc   60

aagtttttnag aatcttaagt ccaactatga cagcctcctc aaggagaaag acaacttaaa   120

agctgaggtg gcgagcctca atgagaaggt gcttgcaaga gggaaacaag aggggcacat   180

gaagcagcag gctgaaagtg aagaagaaac aaaaagatta ttgcatttgc aggaacagga   240

ac   242

<210>   1912
<211>   233
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962088H1

<400>   1912

cacactctct ttcttctgct gcaccagcaa caacagagaa tgaacagtac tgaggagggg   60

atgcaaggca taggcatagg cataggctgc ttccaaaacg acgtcgtagg gcagctggag   120

ctgagtccca ctatgagcaa ctcctcctcc tcgctatcca tggagctgga cgagtccccg   180

gagagcagaa tccaacggtt gatatcggag cacccggtca tcatcttcac ccg   233

```
<210>    1913
<211>    230
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700962089H1

<400>    1913

gagcaaacaa acaactagca agggaagaaa gaaactacag aaaagaaatg gcttccactt    60

ctgcagtttc aatggctatg ccagtaactt atgctagcca gaagagggtg gtgcctagct   120

cggatgcatt cttcaagcca ctgcctctac ggtcttccaa ggcagtgaca gcatcaaaac   180

tcaatggaag gtttcaagtg agggcctcca tgaaggagaa agttgtgacg              230


<210>    1914
<211>    225
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700962090H1

<400>    1914

gggagagatc gcacgggagt tgcccggggt ctctctctcg tgtggtgtgt ggtgtttgct    60

gtgctctcct tttcgttatg ccttttatta ttacctatct gtcgctccac tccgtattac   120

gactctggat cagagggata catcagagga ttcgctccaa ctcctatcga ataaggtatt   180

atctgtcaat ttacattgga aagggttagg atattcaatt ttaca                   225


<210>    1915
<211>    224
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700962093H1

<400>    1915

gctttattag aagcgaagtt ggttttgtca ttactcttac aacgcttctc atttgagctt    60

tctcctacct atgcacatgc tccagtcact gtgctcactc ttaatccaaa atttggtgct   120

catatcatct tacataagtt gtagtgtcat ctattaattt gtatcctgca cacctaatta   180

tctccattcc tttcttatgt tctaatctct tgtatttata gagg                   224
```

693

<210>   1916
<211>   224
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962094H1

<400>   1916

atcaagcacc gagtcctctt ctatccgtgt gtggtcgcga ctacgcttct tcgtaactcg   60

aagcgcgtga aaaaaatagc ttcttctgga tctggatcac gaaagccatg gcgttttgga   120

gatctctcgt agcgttctct gcggttcttc tgcttctcat ccatggctct cactgcttct   180

acctccccgg cgtcgctcca caggatttcc agaagggaga ttca   224

<210>   1917
<211>   224
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962096H1

<400>   1917

attagatctg atgaattaat tgagcatctg agtgcagaaa gaatagagga tcgtggtcga   60

tggcgtctgc tagccttgga agtggtgggg tcggcagttc gaggtctgtt aatggtggct   120

tcaggggttc ttccagttcc gtcgattggc ttggcagaga gatgcttgag atgaggttga   180

gagaccacga agacgataga gatagtgagc ctgacatcat tgat   224

<210>   1918
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962104H1

<400>   1918

acaatacaac actgccatgg ctgcctcagt ctccactatt ggagctgtca acagagctcc   60

actgagcttg aacagctctg aagctggaga ttcggttccc agttcagcct tctttggcac   120

aagcttgaag aaggttactg cctcaagggt ccctaacgtc aagatttctt ctggaagttt   180

caaaatcgtt gcggcggaga aagagattga tgagcaacaa cagacaaaca aggacagatg   240

gaaaggtctt gcctat   256

<210>   1919
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962108H1

<400>   1919

gcaatgaatc tgatgcaggc ggttcgctac gacgcctacg ggggaggtcc tgccggcctc   60

aagcacgttg aagttgccgt tcccagtcca aaggcaaatg aggtttttaat caaactggaa 120

gcagttagca ttaaccctat tgattggaag attcagaagg gtcttctccg tcctttattt 180

ctccccagaa cctttccccca cataccttgc actgatgtgg ctggagaaat agttgagatc 240

ggaactcaag tcaaaga   257

<210>   1920
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962116H1

<400>   1920

cctttcctga tttcgttaac cctgcgggga agaaaatatc taaaagagaa aagatacaaa   60

ttaatgtgga tgctgttact ggaggtgagc ttctgtgcaa gacattaagc cacccactga 120

aggaagtgag gcgtcatgtt gggagcatgg gcttcttata tgattccgat gttctttcat 180

ggtctaaagt tgattttagc tttttcatatg ctgtttcttc aagtcatata actggtggtg 240

ttcttttgga atctgcatc   259

<210>   1921
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962121H1

<400>   1921

gtcgatgcaa tttcaattct gatcatgtca attttctctt ttctctatac tatttcctgt   60

tgctgttttt gttacaaaat tgttgctttg ttttgttttt ttttgttttc attttatctg   120

ttttgtggtt gatgtcggcg tcgaattacg aattctcgct tgggtttctt caattttcta   180

gaattttgtt atggaagttg tgaatctatt ttaaaacttg tcaaattact gatactcatt   240

ttgaaataat tt   252

<210>   1922
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962124H1

<400>   1922

ggtgaatcga tgccagattc aggaatggta tctaaagttc aaatctgtat ccatcaagac   60

cttaattcgt caacttccgg aatcatttat tcagtacctt ttagatgact cggggccctt   120

cttgttgcat gtttctgtct taaatgaaga tgcattaccc aatagaattc ataacccaga   180

tgaggaagat gattttcagg tgtcagaagg atctggagat gaagcagaag aaggttctcc   240

accgccttct tttcc   255

<210>   1923
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962129H1

<400>   1923

cttggctatt cgagaaaccc gaatcaaggc tgcgcctgtg catgcatcag cccattggta   60

tctggagaat gttttgcctg ttctacagag ttatggtatt gctgcaatct ctccattttc   120

tcacagactg agttttgaca acttgcctat ggatattcaa cacctacgct gtaaagtcaa   180

cttccaagct ttaacctttg ttcctcatat cagagcactt ggagatgccc ttatcagccg   240

ccttcgctat cctg   254

<210>   1924
<211>   254
<212>   DNA
<213>   Glycine max

<222> Clone ID: 700962135H1

<400>   1924

caaagagaca attcaactta agagatcaat atggccacca ccactaccca gcctccctct   60

aatatctgtt ttttccttct gttgttgctt ctagcacact ttcatttggg cataagccaa   120

cttgagctga attactactc taaaagctgc ccaaaagctg aagagatcat caaggaacaa   180

gtcacacaac tatataacaa gcatggaaac actgccgttt cgtgggtcag aaatctcttc   240

cacgattgcg tggt   254

<210>   1925
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962136H1

<400>   1925

gttgcgtttt aggcctacca gacaaagact atggagagat tgttagtgca atcgttgtgc   60

cagaggccga tgttaaacga aaacaagatc aagaatcaaa gcctgttcta agcctagaag   120

aattatccaa ctgggccaaa gacaaaattg caccttacaa gattccaact cagctaatcg   180

tgtgggataa actccctcgc aatgccatgg ggaaggtaaa taaaaaagag ctgaagaagc   240

tgcttgtttc a   251

<210>   1926
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962142H1

<400>   1926

ctcggaggaa tgggttgcag cgccgggatc attggtgtgg acctggccaa ggacattctt   60

caggcgaacc caaataacta cgcggtggtg gtgagcacgg agatggtggg gtacaactgg   120

taccagggga aggataggtc tatgcttatc ccgaatagct tcttccgcat ggggtgttcc   180

gcggttctgc tttccaaccg tcgaagggac tatagccgcg caaagtaccg ccttgaacac   240

attgttcgc   249

697

<210> 1927
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700962151H1

<400> 1927

gttctcgctc tcttattcct ttctctcttg tcttctctcc gaatccacgt cctagatctg   60

ttgttctctt cccacagttc tcactgaatc aggatccatt ttgataccaa gttgctgttt   120

agagatctgt ttccttctag acaacggtct gtggtatctg ttattttagt tgaatcgaag   180

ctgcaacaaa atcttcctga tctttgcttt gaggttatgg catcggcggg tgtagcacct   240

gcttctgggg   250

<210> 1928
<211> 121
<212> DNA
<213> Glycine max

<223> Clone ID: 700962153H1

<400> 1928

gaacaacagg gaattaattt ccttcatcat tatctcacca tggcaccatt cactccgtcg   60

aagttgcttc tgttaactct ggttttcacg ttgagccaga acagagtct ctgttccaca   120

c   121

<210> 1929
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700962161H1

<400> 1929

aaagaaaaag aaaaagaaaa agcatacaac gatggctatg aatggatcac ctcgacggtg   60

ggacgtgaga ttagttttga cattttctct acttttaatc tcagcctctg tttctgctct   120

tgaacatgta aaccacaaaa agattgatcc caccaccgct gaaactagtt ttcttggcaa   180

agtcatgaac tttttgtgga gctcatctgg gtctggatac gaacatactt ggccagaaat   240

agaatttggg   250

<210>   1930
<211>   121
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962172H1

<400>   1930

gctcagctga gtagtgttgt tggtattttg gggtctgatg tatcataatg cttgacttga   60

ctgtctatcg tggctttcat gctgcgagaa ataataaatt caggtaactg tttgtccttg   120

t   121

<210>   1931
<211>   118
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962179H1

<400>   1931

attgactgtg atgaaataat gttcattttg ttttcttgat atttcacaca tgttgtgttt   60

atatttgaca atatgacttc tatttacatt gcttaatggt atgtgatgtg ttcttatg   118

<210>   1932
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962180H1

<400>   1932

aagaagtcct gagaaggcat ctagaacaaa gctctgaatc tgattttgaa aactggaacg   60

cgtaaaatga acggtacccc tccctcataa ataaaatcta ctactaaacg ctcttctctt   120

ctgcaatcaa tttgcaaacc aaacacaaca caaggagaag aaccagatct ctctttctca   180

aatcaccaag aatagttgaa aatggggctg tctttcacga agctgttcag ccggctcttt   240

gcgaagaagg agat   254

<210>   1933

<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962187H1

<400>   1933

gcctaaggtc ccatctggga gttacaacat agctcaggta acatatgaat taaatgtgct   60

tgggactcga ggaccaagaa agatgcactg cgttatgcat tcaataccag cttcagcact   120

agatgcaggt ggcactgttc ctggccagcc agagcttctt ccccgttccc tggaggactc   180

gtttcggagc atctcgtttt caaagtctct agatcattct attgagttca gcagttcgcg   240

atttt   245

<210>   1934
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962190H1

<400>   1934

ccctaatgta aatagttctt ccaattgctt ggttaacaca tcaacccatg tttctgatac   60

aaaaccatca ccacataagc ttgggtttga tttgcaaaat cctccaggtc tgtccagaag   120

atgtattaca agcaggaggg gaaggagaca ccctgatata aatagttctt ccaattgctt   180

agttaccaca tcaactcatg tttcttctac aaaaacatca ccgcataagc tgggatttga   240

tttg   244

<210>   1935
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962191H1

<400>   1935

cttttgtttg ttcttcagta ctttagtgtg tgatttaatt ccaagatttt gagaatgtct   60

agctgtgggt gtggaagtag ctgcaactgt ggcagcaact gcggttgcaa caagtactct   120

tttgacttga gctatgttga gaagacaacc acagagactc ttgttttggg tgttgggtct   180

700

gtgaaggccc aattggaggg tgctgaaatg ggtgttgcag ctgagaacgg tggctgcaac   240

tgtg   244

<210>   1936
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962236H1

<400>   1936

atccatttag aaagacattg tggttaccca tagtctcata gtgtcatact gcaacacaaa   60

acaatgggtt cccttatggc aggatgggac tctacccaca tagatcctca atcagccaca   120

cttaaaagga accgctcact caccaaggat gaaattgatg cttactggaa atcaaagaag   180

aagatagagg aagaacacct tagagctatt tccaacttgt cagagactat tcaggctagc   240

aaaagcacag aacctgagaa gaagttgcag aagtcaatga ccat   284

<210>   1937
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962249H1

<400>   1937

tggaagggtt atatcagtta aatggggtga ttatacaagg cgaataggta ttgatggcac   60

cccagaagcc attaaagaag caattagggc tgcttttagg ttgagaacta aacgtacatt   120

ttggttggag gatgaagatc agattatcag aagtattgac cgtgaaatgc ctttaggaaa   180

ttacactctt cacattgatg aaggaatggc cattaaatta cctctctatg atgagcctga   240

ccatatacct gtgcatactg aagataagat attttacact gaag   284

<210>   1938
<211>   270
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700962277H1

<400>   1938

```
ccatggnagg aaatgatcag gctattgcaa acgaatganc ccttgtggat gaaaggtgct   60

gatgggaggg atgtccttga tcttgattcc natganagaa tgttccccaa ggcnaatagt  120

cacttgaaga accccaatgt tcatgctgaa gcttcnagag attcaggagt tgnaattatg  180

aacggcttaa ctttggttga natgttnatg gacccgaaca agtggatgga gntatttccc  240

accattgtca caatggctag aacaattgag                                   270


<210>      1939
<211>      270
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962294H1

<400>      1939

aattggttca taaatgcacg agtacggcta tggaaaccaa tgatagaaga aatgtacaaa  .60

gaggagtttg gagagttttc tgaagactcc aacccggctg gtaacaacta cttgacgagg  120

·gaagatacca cggattgtgt agaggattga atcaaaagct ccagtgaaca aaaaacttat  180

tgtttgacaa acatgggcct ttaaatgctt gcntttttcc tccaaaatcg agagataaac  240

attatgtaac atgacaagat gatgagccaa                                   270


<210>      1940
<211>      171
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962305H1

<400>      1940

ttacaatctc accagtgatc ctgtaattga gtttgaggga caacaatagt gatcttctcc   60

ccccaaaatg agtgtctttt gcattttcca tcttcaatga tggatcactt ttttggtaca  120

taatgatgaa actcttacgt tgggctggtt aatgtagtcc actaagcatc t            171


<210>      1941
<211>      267
<212>      DNA
<213>      Glycine max
```

702

<223>   Clone ID: 700962316H1

<400>   1941

aacaccttct ctgcacgcaa aaaccgcgaa aagaactaga accaaagatg cagagattca   60

aagctctgct acctcaacaa actaggtcct cacttcgcac tctctgttct caccgtcgag   120

ctttctccgc tcaaccgaat tacgcaaagc accacgacga cgattctcag gaacagattt   180

tagtcgaagg aagagcgaaa tcacgagcag ctattctcaa caggccgtct tcgctgaact   240

cgctcaatgc ttcaatggtt gctcggt   267

<210>   1942
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962334H1

<400>   1942

cagtcctgca catgttatgc cgcttctgga aattgtacgt accaagcaga cctctgccca   60

agtgatagtt gacgtgttag atatttcaaa gaagataaag aaaactccag tggtggttgg   120

aaactgcaca ggatttgctg ttaataggat gttcttccca tacccaag caggtctctt   180

gcttgttgaa cgtggtgcag atgtttatca aattgataga gtaataacca aatttggaat   240

gcccatgggg cctttcagat tgatgg   266

<210>   1943
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962341H1

<400>   1943

tgataaagtt cagcatgtag atctttctga cacaattatg cagggttctg ctgtcagttg   60

tcagaaaata ccttggaatg agggaaatgc caagttagaa gacagagaaa gttctggcaa   120

gaagttaaag acaggtttcg gtgggattta tggttctgga ggtagagact cttttaatga   180

cagttttaca tctcttggaa ataatcttgg ctcctgttct tcagttgagg acaaaggatg   240

tgaggaagct tgtgat   256

703

<210> 1944
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700962343H1

<400> 1944

```
ctcgatgttt ccaggtgtgc aatcactgat actggtatcg cagcccttgc ccgaggaaaa      60

cagttcaacc tggaggtact ttctttggca ggttgcgcat tggtttcaga caagagcgtg     120

cctgcattga aaaaattggg ccgttccctt gctggattaa atatcaagct ttgcaatgca     180

atcagcagcc gctcagttga caagcttctg ggacatctct gcatgtgtga catcctctac     240

tgaacaggaa aatgc                                                      255
```

<210> 1945
<211> 61
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700962347H1

<400> 1945

```
cgaactgcac aacttgttca ttctagttca gttgttccac acaacatacg nncnccnana      60

a                                                                      61
```

<210> 1946
<211> 254
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700962359H1

<400> 1946

```
gggtactgtg cttggaaata tgatgggaga ttcttggtta agagcacacg agcaatataa      60

ggactattat gcagcacttt atttgaggac cagctgggga aagcttctat ctattcttgt     120

agttccaagg gacatacttt caccctccag tgcaagtgtg acaagccaag acttggcaaa     180

gagactaaat gctttcaatc tagcttttgn tgaaaggtac aagaagcaat ctaattgggt     240
```

aatatccgat gaga   254

<210>   1947
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962361H1

<400>   1947

ccggtatcta gatatgcata gataaagagg aattggattt cactggcgaa cgttatgaat   60

acttgcacta ttattatgaa ttccatgcca gttccttctc ctttgttgat aaagtccttt   120

aaaacatttc catcgttcaa atgctgcagc aagagctcag atgagaaggg aagtgaagat   180

gtgaaggaca cattatctgg ggtggtggac gagcaagttg aagagttctt gagtagaaaa   240

gagaacaagg ttttgc   256

<210>   1948
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962362H1

<400>   1948

acctattcta attcctagaa gtgatggtca taggcatcgg aagggaagcc atggtgatgt   60

tatcttcttg acaaatcgtg gagagattac atcatactcc cctggcttgc atggtcatga   120

tgctatttgg cagtggcaac aatcaactgg tgttacatgg tcaaacctac cctccccatc   180

aggaatgatg gaaggtggtc tggtgattcc cacactaaag cctctttcct tacggttgca   240

tgataatcaa gaaatgat   258

<210>   1949
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962368H1

<400>   1949

tttcattacc gccgtgataa cacactaaca ccaccacttc atcaacttta cttgacaaca   60

atattgtaaa actcaaaatc tagtttcata ctttttttct tcttcttgaa atggctctcc   120

aggctgcttc tcttgttcct gcttctttct cggttcttaa agagggaaag agtggtgtgt   180

ctctcaagga ctccaccttg ttcggtcttt cattttcaga acctatcaaa gctaacttca   240

gctcttctgc atgagg   256

<210>   1950
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962378H1

<400>   1950

tacagttaca gcataacttc tattctatat ttctttctac tcgcaagcaa atcagaagaa   60

gagaatggca gcagcagagg ggctaaacag agagcagtac gtgtacttgg cgaactgtcg   120

gagcaggcgg agcggtacga ggagatggtg gagttcatgc agaaggtggt ggtggggtcg   180

acgccggcgt cggagctcac ggtggaggag cgcaacctcc tctcggtggc ctacaagaac   240

gtcatcggct cgct   254

<210>   1951
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962386H1

<400>   1951

caggtggcga gaggaacagt agtgtatacc gagagtgctt gagaaatcat gcagccagcc   60

taggaagcta cgccacggac gggtgcggcg agtacacggt ggacggcgcg gggggactac   120

aatgcgccgc gtgcgggtgc caccgcaact tccaccggaa agtgaagtac ctggcggcgg   180

ctgaaagccc tcccacggag tatgggggca gcaacagcaa gaagcggttc aggtctaagt   240

tcacggaaga tca   253

<210>   1952
<211>   236
<212>   DNA
<213>   Glycine max

706

<223>   unsure at all n locations
<223>   Clone ID: 700962419H1

<400>   1952

tggcttcttc aatccctaat gcgccttctg cgttcaattc tcagagctac gttggtctca   60

gagcgccact gaggaccttc aacttttctt ctcctcaagc tgccaaaatt cctcgctccc   120

aacgcctttt cgtctcagag cctccgattc ggagttcgaa gccgccgttg tcgccggtaa   180

ggttccgccg gcgcctcccg tgccgcccag accggcggct ccggttggaa nccggt   236

<210>   1953
<211>   136
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962431H1

<400>   1953

caatgatgta atttagcatg taagatgtaa tgttatgttg ttgatttctt tgctttgttt   60

ggtcttttgt tgaaaaggga atccttgaaa tattgcttgt acatgatgtg ggataattca   120

tttagtcttc agtagt   136

<210>   1954
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962434H1

<400>   1954

aaaaaaaatg ggttcttctc tgtggacctg tctgattttg ttatcacttg cttctgcttc   60

cttcgccgcc aacccaagag caccaattga tgtgccattt ggcagaaact atgtgcctac   120

ctgggccttt gatacatcaa atacctcaat ggtggttctg agattcagct tcatcttgat   180

aaatacacag gtactggctt ccaatcaaaa gggtcctact tgtttggtca cttcag   236

<210>   1955
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962450H1

<400> 1955

attttccatt cgtagacgcc aagaaccccta acagatcaaa actcagaagc tgaagccttt   60

ggggcatgag gttttgcatg tctacattta tgggatttgt gtaatttacc cccttttctg   120

gtttgacttt atcgagctga aacaaaggag aatgcaatgg acctggataa tttatgagga   180

tatttaacat agtgtacatt gtgctcctgt aattattttc atcagttggt gttgtg   236

<210>   1956
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962468H1

<400>   1956

cccctttctc tgcactctgc aactccctcc aatttagttt gagccttaga ggcattgttc   60

tttggttgga tagatctctg atctgaagat gagtgcgtcg aggttcatta agtgcgtcac   120

cgtcggcgag gcgctgtcgg caaaacctgc ttgttgattt cctacaccag caacactttt   180

cccacggact acgtgcccac ggttttgac aatttcagtg ctaatgttgt gg   232

<210>   1957
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962492H1

<400>   1957

ggaaggagag aaagaaaatc ccgatggtaa cgccgctttg gtgaactcct tctgcgaaat   60

cacttcctct tccaaggaag aagctctttt cttttttggag agccacaatt tcgacctaga   120

cgctgccgtt tcgactttcc tcgacaacgc caacaacccc ctcatccctc tcaacgacga   180

ccttgccatt cccaacccca acgccgtttc ccctccctca gattctcact ctccggact   239

<210>   1958
<211>   258
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

<223>   Clone ID: 700962504H1

<400>   1958

```
atcagatacg aaggcattct ctacaacatc aacacngnag agtccagtat tggcctcaga      60

aatgtgcgat cttttggaac agaaggaaga aaaaggatg gcccacaaat tcctccaggt      120

gacaaggttt atgagtatat acttttccgt gggactgaca tcaaggattt acaggttaaa      180

tcttctccac ccgtccagcc tattccacan gtcatcngac ntgnanntat tattcagtct      240

cactatnctc acccggtc                                                    258
```

<210>   1959
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962506H1

<400>   1959

```
gcgttgccat tctcatcctc ttctttctct ctctaccatt gccatggatc cctacaagca      60

ccggccatcc agcgccttca attctccctt ctggactaca aattctggtg ctcctatttg      120

gaacaacaac tcctctttaa ccgttggagc tagaggtcca attctgctgg aggattatca      180

tcttgtggag aagcttgcaa attttgatag ggaacgtatc ccagaacgtg ttgtccatgc      240

cagggcgct agtgcaaa                                                     258
```

<210>   1960
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962512H1

<400>   1960

```
ctcgcaatct tcactatttt caccgagcat ttgcattcca cattgaatat ggctgaggct      60

acacaatcta atgctgagtt attggagtgg cctaagaaag ataagcgccg cttcctgcat      120

gttgtgtatc gtgttggtga tcttgatcgc accattaagt tttatactga atgttttggg      180

atgaagcttt tgaggaaaag agatattcca gaagagaaat atgccaatgc ttttcttgga      240

tttggccctg aac                                                         253
```

<210> 1961
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700962514H1

<400> 1961

atttagatga ggaaggagtt tctaaacaga atgatgagat gctatacgag gtaaatgcaa   60

attctggaaa ttggatgata gccgggagga aaagaggata tgcatctctg tccacaaaac   120

aaggggcaag aatagttatc tcggtactat gcatgccact ggtggctggt tatgttcacc   180

ctcccgtact tgggctgcca gatgttgatg aggcaaatat aagctgcaaa cctgctgggc   240

cacatctggt ttgt   254

<210> 1962
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700962528H1

<400> 1962

atctttgtca gctttttctt gcttccgtag ttcatatggc gtgtgttcaa gtcatcacag   60

tttttctctt tgcattggct ctagctaaaa tttaccccтc aacatgtcaa gtggtgcagg   120

gaaaagtctc ctgcgttgac tgcactcaca actatgactt atctgatatt aaggtttcgg   180

tgaggtgtga tggtgtgaaa aaactggctt tggctactac agaaaatgat ggctccttca   240

aggttgatct t   251

<210> 1963
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700962529H1

<400> 1963

acggggagcg tgagttcatg ttctacagaa accccagcgc cgacatgctc ctcaagcccg   60

aagaactcaa tctcgaactc atcagatctg caaaagtttt ccattacgga tcaatcagtt   120

tgatcgtgga gccatgcaga tcagcacact tgaaggcaat ggaagtagcc aaggaatctg   180

ggtgctgctc tcctatgacc ccaaccttcg tctacctttg tggccttcgg ctgagg   236

<210>   1964
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962533H1

<400>   1964

gttcagcgtt caccaacaga aacagcagaa ggaaggaaaa ggtgactgca cagaggtatc   60

gaataaagtc aaaagtcgga atggtttcac tctgatcaaa ctgaggaatc gaggaaggaa   120

gggttaggat cagctagagt accttgagga gcgccggttg aaggatttga ttaagaagca   180

ttctgagttc attagctacc caatttctct ttgggttgag aagactaccg agaaggagat   240

ttctgacgat gaggatga   258

<210>   1965
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962534H1

<400>   1965

ctccaagtgc agtggcaagg gttctaagtc tggtgcttcg atgaagtgtg ctggttgtca   60

aggaactggt atgaaggttt ctataagaca tcttggccca tccatgattc agcagatgca   120

gcatgcctgc aatgaatgta agggtactgg agaaactatc aatgacagag atcgctgccc   180

acagtgcaag ggagagaagg ttgtgcagga gaagaaagtc cttgaagtta ttgtagaaaa   240

ggggatgcag aatggg   256

<210>   1966
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962542H1

<400>   1966

gtagaaacaa aaaccgcgga agcagccatg gccgaagcag aacacaacga tcccacctcg   60

ccggagcgcg aggaccaaac caaaagcaac aaaaagaagc tccgaaagag aaaaagacct   120

caaaagaccg agcagaaaca agaggaggag aagaacgatg cgaacattga tagcgcccaa   180

acacaaactg aagatgaagg agagaatcaa gaagacacaa atgtgaacaa caacgtctca   240

tctggaatca tg   252

<210>   1967
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962544H1

<400>   1967

ttttaaacat gcaatgtcaa gatcttctga tgatcttcat gctttacgca tgaggcagaa   60

agaggaattc atcactgagt ttcatgatca aataagggga gatcaagaaa gagagaatga   120

aatggaaaaa cctgaagatg gtcatatgga caatttcttt gatgatggtt ttgattctta   180

tctgctttct ggttcagcag aaaactgggt aatgccaatt acagatgatt caagtgatgt   240

caaaaccct   249

<210>   1968
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962545H1

<400>   1968

acctgatgtc ttcattcaca cttcccatgg aacacgcatt ccagcccacg cacccattct   60

ggcttctatg tccccggttc tggagaactt gatagatcgc ccacgtaagc atcggagctc   120

cgagagaata atccaaatcc acggcgtccc ctgcgacgct gtcaccgcct tcgtccgatt   180

cctctactcc tccaggtgta cggaggaaga gattgaccag tacgggatgc acctccttgc   240

attgtcccac   250

<210>   1969
<211>   248
<212>   DNA

712

<213>   Glycine max

<223>   Clone ID: 700962561H1

<400>   1969

```
aatgcttaca cattcacagt tgatcaaggc aagacataca gattcaggat atcaaatgta    60

gggctcacca cttccatcaa ctttagaatc caagggcata aaatgacaat tgttgaggtg   120

gaagggaccc acactctcca aaacgtttat gactcacttg atgttcatct ggggcagact   180

tactctgtgt tggttactgc tgatcaacca ccccaagact acctcattgt cgtcacgaca   240

cgattcac                                                           248
```


<210>   1970
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962567H1

<400>   1970

```
ggagagtgca acaacaaacg caccaggtac gctctctttc tctctcccta aatttcaatt    60

caaaccacaa acacaaaccc atatccccaa aacctgtgtc tgtcaactgc acttagagag   120

agtgagtgac gcaaccagac tagcacgcac aacacacaat aactgcatat ggataggtat   180

cagagggtag agaagcccaa ggcagagact cctataaacg agaatgagat acgcgtcact   240

actcaagga                                                          249
```


<210>   1971
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962568H1

<400>   1971

```
tgatagacag gtgacagttg atgttccaga tataagggga aggactgaaa tcctaaaggt    60

tcatgctagc aacaaaaagt ttgatgctga tgtttctctt gaagtgattg caatgagaac   120

acctggcttt agtggagctg atcttgcgaa tctgttgaat gaagctgcta tattagctgg   180

tcgccgtgga aagacagcta tttcatctaa agaaattgat gattctattg ataggattgt   240
```

ggctgg   246

<210>   1972
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962570H1

<400>   1972

aaaaacccctt cttctcttct cttggtttcg ttctgtgcat ctgccaaatt aggattagga   60

ttagggctac caataccaat accaatacca attctattct atggcttgct caagcgccca   120

aatacacggt ctcggaaccc cttcctcccg aaccctattt ttaggtcaga ggctaaatac   180

caaggccgcc tttatcaagc tcaagtccac acctagaaga ctccgccctc tcagagtggt   240

taatgagaa   249

<210>   1973
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962571H1

<400>   1973

atcttgatgc tgaaaaagag atgatgtctc aatgtgtggc tcttcttgga aaatttattg   60

ctgtccgtga accaaacatt cgatatcttg gcttggagaa tatgacaaga atgttgatgg   120

ttactgatgt acaagatatc attaaaagac atcaagctca gattattacc tcattgaagg   180

atcctgacat cagtattcgg aggcgtgctc tagatttgct ttatggcatg tgtgatgttt   240

caaatgca   248

<210>   1974
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962579H1

<400>   1974

tttggagagt tttttgtgt tgttttgttg aggttgggtt tgtgagtgag agaatggtgg   60

```
gtgctctatc tgttgtgggc tcatcagtga tggactctca cactggccct tgtttgtgtg   120

ttgatgctct cccaacaact agtgttaatc tcaagagtgg tggagatgtt ttgtacaaga   180

atttgatggg aaggaagcat aatttggtga agcatggtgg tgggaccatg aagttgagca   240

gttc                                                                244


<210>      1975
<211>      246
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962586H1

<400>      1975

aaaattgctc ctgcgctgat tgctggaaac tccattgtgc tcaagcctcc aactcaggga    60

gctgtttctg ctcttcatat ggttcactgc tttcacttgg ctggtttttcc caaaggccta   120

atcaactgtg tcactggcaa aggctcagaa attggtgact tccttacaat gcatccagga   180

gtgaactgta taagctttac tggtggtgat actggcattg caatttcaaa gaaggcaggc   240

atgatt                                                              246


<210>      1976
<211>      244
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962590H1

<400>      1976

atcaacttgg agcacatcaa ggccatcatc accgcccacg aggtcctcct cctcaactct    60

cgcgacccct ccgtcacccc cttccttcag gagctccagg ccaggatcct ccgccaccac   120

caccagactc tggccgatgc caaccccaac cctgacgacg ccatcaagat tctcccccttc   180

gagttcgtag cccttgaggc ctgtctggag gccgcttgta gcgtcttgga aaacgaggct   240

aaga                                                                244


<210>      1977
<211>      243
<212>      DNA
<213>      Glycine max
```

<223>   Clone ID: 700962591H1

<400>   1977

aacgtgtgtt cgtttgttcg gtggtgaatt cctatccaca cgtctcaccg gaaacatgtc   60

agcggtggtt gctggttcct cctcttcatt ctctgccacc ttcaccccca taaggagccc   120

ctccttaaaa aactctcaac tctctcattc caaggcactc acttcacctc aatgccagaa   180

aacatcttta caagggctct cacttcatga agccaaaagg ggtgtttcag aatccttcct   240

agt   243

<210>   1978
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962592H1

<400>   1978

caaatcgcaa tagaaatgga aagtaacgca ccagtactag cagagaaagt gtggagcatg   60

gtacgtgtgc tgttgttcat gcttcgaaaa ggcatatcaa aggggaagct aatgatggat   120

ctcaacatga tgctcaaacg ccgcggcaag ctcgccggca aagccattgc caatctaatg   180

tcccacaacc acaaccaccg tgggtcccac aagtcgcaac ttcggttctc tgctccaagg   240

ga   242

<210>   1979
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962594H1

<400>   1979

aaaaaattag gcgtctaaag ggccaaagct tagaaagttg aagctttttt tgttgaggtg   60

aaagtgaaat ggttggcaag gataatctga gggctgagga cttgaacttg tgctttaaga   120

agcttatgat ggtggccggg agtgggaaca gtgagaaagg ggtgaacttg aaggttgggg   180

tgatcaccga gtggaaggat attcctgtgg agcttctgat gcaaattctg tcccttgtgg   240

at   242

```
<210>      1980
<211>      244
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962596H1

<400>      1980

gaaatttatc cagtttcagc tcacggttaa tgttgctgct cttgtaataa atgttgtggc    60

agcaataact tctggtgatg ttcctttaaa tgcagtgcag cttttgtggg tcaaccttat   120

catggataca cttggggcgc ttgcactggc tactgaaccg ccaacagacc gcctaatgca   180

cagatcacca gttggccgaa gagaatctct tataacaaat atcatgtgga gaaacttgat   240

cgta                                                                244


<210>      1981
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962615H1

<400>      1981

cgaaaaccaa agaagaaaaa agagtttctt ctttccgaaa tccaagcagt agggttaggg    60

tttttttccga tctcaatggc ggaggaaccg gagagcaccg tcaccaccgg cgcccccgac   120

gaatcgctgc tcgataagat caccgagaag cttcacggcc acgattcttc ctcttcttcc   180

tcttcggatt ccgattccga aaaaaccgtt acttcgtccg ttaaggatag ggttttttcgc   240

ctcttcggaa g                                                        251


<210>      1982
<211>      242
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962645H1

<400>      1982

cgcggcttca accttgtagt tattctcttt cttctttttt agctatccct ctcttgaaaa    60

atctagatct cgttcttcct tgatctacgt tacgctttta gtgaccggat ctgtatggat   120
```

717

ctgaaccaga tctacacgcc gatggtggtt ttggcctggt ctttcataga tctgatgcat   180

ggaggctcag atctactgta cagagatact gtagataatc gatgagaaga acgcagatcc   240

ag   242

<210>   1983
<211>   120
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962759H1

<400>   1983

ctcatttttt taggctcata aatctttttt atgggtttca gggtcactac tact   ct   60

ctgctctccc tgttttggct cttgtccctg caccaagcaa gagctgcaaa gttccacaat   120

<210>   1984
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962775H1

<400>   1984

catatccccc cctagctaca gagcagccaa aggggaggaa taataataag cctatattct   60

aaggccggaa aaataaaaaa ggaataacaa aaatgtctgg aaaggtaatt atctcggctg   120

tttctctcat cctggtggtt ggagtggcca taggtgtggt ggtggccgtc aacaagaagg   180

gcgaggatcc cacacttcaa tctcaacaaa aatcagtagg ggttatctgc caaaacactg   240

atgaccagaa gctctgcca   259

<210>   1985
<211>   118
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962778H1

<400>   1985

aaagatggta tcagagaggc cagtggtgat attcagcaag agctcgtgct gcatgagcca   60

caccataaag accctcttgt gtgactttgg ggtgaatcca gcggttcatg agctggat   118

718

```
<210>       1986
<211>       259
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700962793H1

<400>       1986

ggaggagctt cactcaccgg aagcctatga gatgatccaa aaccacttgg ctctcatttt    60

gggcaaccgt ttaggggatt caacatctgt tgctcagatc agcaaaatca gggtaggaca   120

ggtttatgca gcttcaataa tgtacgggta ctttctcaag cgagttgtgc aaaggttcca   180

gctggagagg acaatgaaga ttcttcctaa tgcaacagaa gagaatagca ttcaacaaac   240

tgttgtagat gattcaaga                                                259


<210>       1987
<211>       55
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<223>       Clone ID: 700962833H1

<400>       1987

atttgatgac catgaaccta ttgatttgtc caaactncat nctntnctcc cttng         55


<210>       1988
<211>       261
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700962849H1

<400>       1988

ggaaaaaaga agaaggaaga aaagttagca gtagtttggc gtggtaattg gtagagcgag    60

aaacagagaa atggacgatt acacgaggga aatgatggac ctgaagacac tggtcactcg   120

cactctcgag aagaaaggcg tcctcgccag gatccgtgcc gaactcaggg cgagtgtgtt   180

cgaagccatc gaagaggaag atcgtgtgat tgagaaggaa caaggtctac ctcctgcatt   240

gctaggtagt tgcaacgatc g                                             261
```

```
<210>      1989
<211>      56
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962853H1


<400>      1989

gaagcatcgc tcacctttcc ctttgcgaac gccgtgaaga tnacgaaagc ncaaca          56



<210>      1990
<211>      251
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962864H1

<400>      1990

attgaaccag ctctaaaaaa gcagcttatc anctctacag tactcatgac tgttggaatt     60

gcaattatta gttggattgc tctgccaaca tccttcacaa ttttcaactt tggtgctcag     120

aaggaagtaa agagctggca gctgttcctc tgtgtgggtg ttggtctatg ggctggactt     180

attantgggt ttgttactga gnactataca agcaatgctt acagtcctgt acaagatgtt     240

gctgattcct g                                                          251



<210>      1991
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962877H1

<400>      1991

gtgaaaaagg agagatggca gctgcaacat ctagtgctgt gttaaacggg tttggatctc     60

acttcttgtg tggaggaaag aggagccatg cccttcttgc tgctagcatt ggagggaaag     120

ttggtgcttc tgttagtcct aaaagagtta ttgtggcagt tgctgctgca ccaaagaagt     180

catggatccc cgctgtaaaa ggtggtggga gtttcataga cccagaatgg cttgatggct     240

cgctaccagg                                                            250
```

720

```
<210>      1992
<211>      253
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962885H1

<400>      1992

aagaagggtt gaaggaagaa aaaaagaaaa acacagaaat ggagggtggg aacaacagca    60

gcagtaacaa caaccctgat gagttggcgg tggggtgctt gctttcgatc aggacaacgt   120

tgggcgacga attcgaaggc caggtcgtca ccttcgatcg cccctccaac attctcgtac   180

tccaggagcc ttccaaacct agccctcgtc gaaatcttag gttgctcaaa gccaattaca   240

tcaaagactt cac                                                       253


<210>      1993
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962889H1

<400>      1993

tccaaatcat ggctagctca ctgcttgtga gggttgccag ctgcatggtt gtggtgtgga    60

tgtttagttt tgggcacata attcccttgg cagaagctga aattccatgt ggcagggtgc   120

aaatcactgt ggctccatgc atagggtacc taaggggtcc tggtggaggt gtccctgcac   180

catgctgcaa tggggttaag agcataaaca accaagccaa accacccag atcgtcaagg    240

ggtgtgt                                                              247


<210>      1994
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962901H1

<400>      1994

gttggtggca aagctggtgc tcttggtgac tctgttaccg ttacacgtga gaagactaag    60

attattctca cctctgactg taactttttcc aaacggtatt tgaagtactt gacgaagaag   120

tacttgaaga aacacaatgt gcgagactgg ctcagagtga ttgcttcaaa caaggataga   180
```

agtgtttacg aactgaggta cttcaacatt gctgagaatg agggagagga agaagattag   240

ttgtctgata gccttatttg c   261

<210>   1995
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962921H1

<400>   1995

tctcagtctc tgtgtttgcg gctgaggatt ccgaacgagt gaccttcttc gtttctcgca   60

aagtttaagt aatcatgggt aaggaaaagg ttcacatcaa cattgtcgtc attggacatg   120

tcgactctgg gaagtcaact accactggtc acttgatcta caagcttgga ggtattgaca   180

agcgtgtgat tgagaggttc gagaaggagg cgccgagatg aacaagaggt cattcaagta   240

tgcctgggt   249

<210>   1996
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962936H1

<400>   1996

cgcaacacaa caaaaaaaga caacccagag agcgcgtctt aataaacgct cttctctgaa   60

aacccccatt tcttttcttc tttcttcttc tctttcgctt cttcgatctt cgatcttcgt   120

cgctgaaaat gagagagtgc atttcaatcc acatcggcca ggccgggatt caggttggaa   180

acgcctgctg ggagctttac tgcctcgaac aggcattcag cctgatgggc agatgccaag   240

tgacaaga   248

<210>   1997
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962948H1

<400>   1997

```
caagaatatc aaattggtct cttgtcttcc tcctcatctc tacactactc cacatagagc    60

ccagcctctc aagcccaagc ccaagcccaa gcccaagccc gttcataaaa tcctcctgca   120

gcagcaccca gtacccagcc ctctgcgtct catccctctc cgtctacgcc tccagcatcc   180

aacaggaccc tcaccaactg gttcagacag cactctcctc tccctgaacc gcacccaagc   240

caccaaaacc ttcgtgg                                                  257


<210>     1998
<211>     284
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700963004H1

<400>     1998

aaaatggcca aatcaatcaa attctttgag ttgaacacag gggccaagat tccttctctt    60

gggttaggga cttggcaagc tgaacctggt gttgtagctg aagctctcac cacagccatt   120

caggttggat acaggcatat tgactgtgct agtgcgtata agaatcaagc agagattggt   180

tctgctctta agaagctttt tgatgatggt gtggtgaagc gtgaggactt atggatcact   240

tccaaactct ggtgttcaga tcatgcacca gaagatgtgc caaa                    284


<210>     1999
<211>     280
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700963024H1

<400>     1999

gagagggggt ggggtgacac tgccgagcgt gtcctcgaga tgatccagct tctcctggac    60

cttcttgagg cacctgaccc ttgcaccctc gagacattcc ttggaagagt ccctatggtc   120

ttcaatgttg ttatcctttc tccccatggt tactttgccc aagataatgt cttgggatac   180

cctgacactg gtggacaggt tgtttacatc ttggatcaag ttcgtgcctt ggagaatgag   240

atgctcaacc gcatcaagaa acaaggcttg atatcacccc                         280


<210>     2000
<211>     274
```

<210>   DNA
<213>   Glycine max

<223>   Clone ID: 700963053H1

<400>   2000

ttccattctt gtattctcgt attagcacaa gatttcgttt ttgtctatct atgtccccat   60

cgtaattgat ggtataacat caacatgcat atgattatgg gttatgagag agtgagagtg   120

ctgtttcttc tgtttctgat accactgcca acggttctgg gttggggcaa ggagggccac   180

tatgccactt gtaagattgc acaggagtat cttagtgaag atgctctatt tgcggtcaaa   240

caattgcttc cagattctgc tcaaggtgat cttg   274

<210>   2001
<211>   278
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963066H1

<400>   2001

gtcaagatac cagtgatcta catgagaaag tcgattttgt ggcatgcttg ggtggagatg   60

gcgttatact gcatgcgtca aatctattca gagatgctgt tcccctatt gtgtcattta   120

accttggctc ccttggtttt ctgacttctc atgattttga agattacaag caagacctac   180

gacaagtcat ccatggaaat aatacacgag atggtgtgta tattactctt agaatgcgcc   240

tccgatgtga aatttttcgt aaaggtaaag caatgcca   278

<210>   2002
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963114H1

<400>   2002

tggcatcttg tgttgtgtcc ctcttttaag ctatttcctt ctcttaacac aattggttgt   60

gccaattgcc atagtcacca accaattaac aaaggtatat atatcatcat atcatcacca   120

aatgaaaaat attgggttgt tttttcttgt ggtggtggct acttttgtgg tggcagccac   180

agctggtagc ttttaccaag actttgaaat aacgtggggt ggtgagcgtg ccaaaatcta   240

724

tgag   244

<210>   2003
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963142H1

<400>   2003

cgctttcccc aacgaacctc gttgttgtga atcgcgctgc tgaatcaatc gttctcggtt   60

ttcgcgtact ctactcgttc atcccgacat ggtttgcttg gcttgtttgc tgcccctctt   120

tctcgtccca atcgtcaaca tcctccctct tctcttccat tttatcatgg ggaaaatcta   180

tcgggttttt ggttgggagt acaggaaacc ggagagggct cctcctgcat gtccattcaa   240

g   241

<210>   2004
<211>   237
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963178H1

<400>   2004

acttaagaga tcaatatggc caccaccact acccagcctc cctctaatat ctgttttttc   60

cttctgttgt tgcttctagc acactttcat ttgggcataa gccaacttga gctgaattac   120

tactctaaaa gctgcccaaa agctgaagag atcatcaagg aacaagtcac acaactatat   180

aacaagcatg gaaacactgc cgtttcgtgg gtcagaaatc tcttccacga ttgcgtg   237

<210>   2005
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963192H1

<400>   2005

ctccatgctt ctgtgctcgc ccttgtattc cttcttgtca tactatttca ggaaggattg   60

gtaacatgta tgaagaatga agacggatca gaagaatggg gatatgtgca agttagacca   120

aaagcccact tgttctggtg gctttacaga agtccataca gagtggagaa tccctccaag   180

ccttggccaa tcattctctg cttcaggga ggaccaggct cttcaggagt tggg   234

<210>   2006
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963193H1

<400>   2006

ctcgagatga aaccaacgaa tcttttgtta ctgatgagct tgaaaatcag aagttggaga   60

tagatgatgg caagcacaca caaaagacta atgacacttg tgaagtctct aagttggaga   120

attctggtgc ttcagaattg gttcaaactg agaaaacaga tggtcgtaat tgtgcattaa   180

caatagatgg ggtgccaggc aatcagaatt acccaagaca tgtccctgtg cacg   234

<210>   2007
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963206H1

<400>   2007

cttcattttc cattcgtaga cgccaagaac cctaacagtt ggtgttgtga tggatggtga   60

taatggcctt aacatacgta attggggtta ctatgaaccc gccacgtcgt ttaagagcca   120

cctggggctg caactgatgt catccatgcc ggaaaaacct ctaattggag ggcgcaatgc   180

tgcggtttta gctggtacta atggggcatt tcaccatagg gacattggtg gtatgcccca   240

agctacatac ccta   254

<210>   2008
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963214H1

<400>   2008

gagagaactt caagtgaggg tgagagtgac acaaatctag agagagcact agtactctaa   60

aagtctatta tattcttcaa aatatgacca tgcatcgcga gtcttgggct tttgtcttcg   120

gcgttatggg caacatcatc tcctttggag tgttccttgc tccattgcca acctttacc   180

aaatctacaa gaagaaatcc actgaaggtt tccagtcact tccttatgtt gttgcactgt   240

tcagtgcaat gct   253

<210>   2009
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963248H1

<400>   2009

caaccttgta gttattctct ttcttctttt ttagctatcc ctctcttgaa aaatctagat   60

ctcgttcttc cttgatctac gttacgcttt tagtgaccgg atctgtatgg atctgaacca   120

gatctacacg ccgatggtgg tttttggcctg gtctttcata gatctgatgc atggaggctc   180

agatctactg tacagagata ctgtagataa tcgatgagaa gaacgcagat ccagccgctt   240

ccgcttgttc gatcgc   256

<210>   2010
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963268H1

<400>   2010

tctgtatgga aacatcgtgc ttagtggagg gtctactatg tttccgggaa ttgctgatcg   60

catgagcaag gaaattagtg ctcttgcacc cagtagcatg aaaatcaagg tggttgcacc   120

tcctgagaga aagtacagtg tctggattgg tggttctatc ttggcatcac ttagcacctt   180

ccaacagatg tggatctcca agggtgaata tgatgaatct gggccagcca tcgttcatcg   240

gaagtgcttc taaa   254

<210>   2011
<211>   252
<212>   DNA
<213>   Glycine max

727

<223>   Clone ID: 700963285H1

<400>   2011

cacttccaag cctttccatt tgcttcgctc gagttattat tttgcacaga gagagagaga   60

aaggagacag atttgaattg agtggtattc caacgtcgaa agcagagagg agaaacacta   120

aggtttctcc taaagtgctc tatttttaat tctctctctt tctatatatc tatgtgactc   180

cgcctacatc actcagaccg gtggtcatgt ccctcatgtg acaattcggg agctgcaagg   240

ttttggtctt gt   252

<210>   2012
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963290H1

<400>   2012

cacaacagaa atcaaaatgt tctgaatctg ggaaggttga tgagatgaaa acatctgatg   60

ttgtcagggt tgatccagga ctgaagtcca aaatcgcaga ttttccttct tccttagtga   120

tggagcaaga taaagctgct gcatcatatg atagcccact ggctgctgca gaaccaaaat   180

attgtttgac cggagagaat tgtgaaaatg ctaatgagga accaaatcct tcagaagctg   240

agatc   245

<210>   2013
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963291H1

<400>   2013

gtttgtttgg tggttgcagc atccttggca ctggcagtgt ttgtgtccat aactgtaact   60

ggcaggcctg gctatgcagg tgctgggctg agccctgcaa gatgcctagg tccagcgttg   120

cttcatggag gcccactatg gaatgggcat tgggttttct ggcttgggcc tttcttggcc   180

tgcataatct attatagtgt ctccattaat ctaccaaaga aaggtttgaa ttgggttgat   240

ggaga   245

<210>   2014
<211>   275
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963333H1

<400>   2014

ctagaaactt cctgaaggcc gtggaagagg ccgtagatga ggccagtaga agatgcggcc   60

ttggattggt ttgtaggtgt aggggccctg ggaatttttg ccccaccgat gtggaagggt   120

attattctgt tcaggtgccg gattatgagc ctggagtgta ttctgatgct cagatcagaa   180

aggccagaag tgaatttgga gctgcggaaa tgctttcttt tctgaagcaa ttggcattga   240

atccacatgg tggtgatcag agaagcattg gtttc   275

<210>   2015
<211>   273
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963335H1

<400>   2015

cccaattaca gtatgcttct acaaatgaca tgaggtctca actctgcttg gctgccaagg   60

atccaactgg agaaagttgc tctagtgaca tggtacattt ctttgcagaa tttagaaaat   120

tcattagcca tgattattat gcttccctgg atcaggaaat gtctttggaa cgaatgaact   180

atgagaccgg agtaacctct acagcagcat tggcttctat gacacctgca atggagcctt   240

gcagtgattc ttattggact gatagaatat cca   273

<210>   2016
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963385H1

<400>   2016

aagtaagcaa agatggcttt cacggaatcg tctctcctcc ttccttcggt ttcaggaacc   60

aacaagaaca agaacaaggt tccagaagac aaatggtatt tagcctacat tgtgtatttt   120

729

accctgggtc tcggttacct tctcccatgg aacgctttca tcaccgccgt tgattacttc   180

tcctttctct accctgacgc cagcgttgac cgcatcttcg ccgtggttta catgatagtc   240

gggctggtgg ggatctccct cataa   265

<210>   2017
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963389H1

<400>   2017

ctcataaaag agacatgaca tttgaggaaa aacaaaaact aagcactaac cttcaaagtt   60

tgccttcaga gaagcttgat gctattgtac aaatcattaa gaagagaaat tcagcactta   120

atcaacatga cgatgaaatt gaagtggaca ttgatagtgt ggatgctgag actctctggg   180

agcttgatag atttgttacc aactataaga aaagtttgag caaaaacaaa aggaggctga   240

acttgctcga gctagagca   259

<210>   2018
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963403H1

<400>   2018

tgcgtatctc tttctctctc catttttatt tatatatttc tctccattat ttggtgtgca   60

tgctctagac acacacacac cccaccacca ccaacactga gttttagcag aaggatagag   120

agcagaatga ttcaaagaac tgtgtccttt cccagtttaa ggaaattgct tcttcgggct   180

ggttgttcta aatctgcttc gtccaagatc ggaacttaca attgctttgc ttctcagtcc   240

tcccctctac cgagccacaa ccct   264

<210>   2019
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963404H1

<400>   2019

gtgatccctc tctttctttt actttcgcca aatctgaaca acatgatcaa catcagagat   60

ccaagagctt tgaggcttac ggcgatgttt ccaagtctgg tgtgtggggc gtccttgctc   120

agaaagccaa agaaattctg gaggacgata agtcgtcatc cccacaacac aacgacgtca   180

tcaatatcat gccaccagtt gtcgacatag acaaactcaa atcgcactct tttaatacct   240

ttgctcctcc tcctcaggag aa   262

<210>   2020
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963405H1

<400>   2020

cggagagctt gcacaagata tggcacagca acatgccata caacaagatt gctgacagga   60

aaggtcacca gggatggatg aaactagaag gtcaacactt tatattccct ggtggtggta   120

cgatgtttcc agatggagca gagcaatata ttgaaaaact tggtcaatac attcctataa   180

gtgaaggtgt tctgaggact gcgcttgaca tggggtgtgg ggttgctagt tttggaggat   240

atatgctatc taaaaatatt t   261

<210>   2021
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963406H1

<400>   2021

gtcatttgat ctacaagctt ggaggtattg acaagcgtgt gattgagagg ttcgagaagg   60

aggctgctga gatgaacaag aggtcattca agtatgcctg ggtgcttgac aagctcaagg   120

ctgagcgcga aagaggaatt accattgata ttgctttgtg gaagtttgaa accaccaagt   180

actactgcac agtcatcgat gcccccggac atcgtgactt tatcaagaac atgattactg   240

gtacctccca ggctgattgt   260

<210>   2022
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963412H1

<400>   2022

cagactgggc atagcatcca cgctttaatc gaccactgct tcttctactt ttctttcctc   60

aaggttttgg cgggagtcgt cgtcgtcatt gaatcagcca tgcctcggta ctactgtgac   120

tactgcgaca cctatttgac ccacgattct ccatctgtta gaaagcagca caatgcaggt   180

tacaaacaca aggcaaatgt gaggacctac taccagcaat ttgaagaaca acaaacacaa   240

agtttaattg atcaaagg   258

<210>   2023
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963413H1

<400>   2023

gagtcctccg tcccctccc gccggcgaac ccttgaagcc caaacaggac ccacacccac   60

actcccagca gcaatcgtac ctcaccaacg ccgtgttctt cgggctgttc ttctcgctgg   120

cgtacttcct cctccaccga tggcgcgaga agatccgcac ctccactccc ctccacgtcg   180

tcacgctctc cgagatggct gccatcgtct ccctcatcgc ctccttcttc tacctcatgg   240

ccttcttcgg cattaccttc   260

<210>   2024
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963415H1

<400>   2024

gattgacttt ttttcttctt ctattctcac acatacccat ctactccttc cctcatggct   60

gaacaatctt ccaactccat ttacgatttc actgtcaagg acatcagtgg aaatgatgtg   120

agtctgaatg attacagcgg gaaggttcta ctgattgtga atgtcgcctc tcaatgtggt   180

732

ttgacacaga caaattacaa agaattgaat gtattgtacg agaagtacaa gaatcaagga   240

tttgaaatct tggcatttcc g   261

<210>   2025
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963417H1

<400>   2025

gttgctagct cctgtttctt tctttttttgt cggagaaaat agtgatagta atgtcgggtg   60

aggagacaca gaggaatgtg tttggcgcgg aaacggcgtc gtccttggtg aaggagctga   120

gggacaactt cggtaaagga accacgcgaa gttacgaatg gagagtgtcg caagtgaagg   180

ctctattgaa ggcggtggtt gaaaacgagg accagatcgt cggtgctctt tgttccgacc   240

tagccaagcc tccgctcgaa accg   264

<210>   2026
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963422H1

<400>   2026

ctttgaagag ctgactgcag cctataaaag tggagagtta catcctggtg accttaaacc   60

agcattggca aagtcgttga ataaaattct ggagcctgta agggaacact ttaggaagga   120

cagcaatgct aaagagctat tgaaaagggt caaggcttac agagtcaagt aatatgctga   180

ttaaggactt caggctaata tctattcttt gccaatcagc catagaattt tcacgttgag   240

attatgcact tttggact   258

<210>   2027
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963428H1

<400>   2027

```
agcgctccgt gtgcctacac ccaatgtttc agttgttgac cttgttgtga atgttgagaa    60

gaagggtctt actgctgaag atgtgaatgc agcattcaga aaggcagctg aggggccgct   120

caaaggtgta ttggacgtgt gtgatgttcc acttgtgtct atcgacttcc gctgctctga   180

tgtttcctct actattgact cctccttgac tatggtcatg ggagatgata tggttaaagt   240

ggttgcttgg tatga                                                     255


<210>        2028
<211>        257
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700963436H1

<400>        2028

cgccgcatta ctcctcaact gatctgggaa aataaggcgt ctcttcttac cagctgctgc    60

taatgttttt cctgcctgca attttccatc ttccctgcag aaatttccaa aacaaatagt   120

tgttggtgat ttgtcaacat gaagaagttg ttagattttg ggaagaaagc cctcttttat   180

gttagggtgc tttctggata tgaagagcga agaatacgat cttataggct gcagcttgag   240

caacgtgtac aacaggc                                                   257


<210>        2029
<211>        256
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700963438H1

<400>        2029

gcagagcaga gatctagcgt attctctcgc tctttctttc actgtcacag agccacatcc    60

atgggcttcc cagccaacgg cgcctctgcg gcccagcccc taaacttcct catctacggc   120

cgcacgggct ggattggcgg cctcctcggc tccctctgcc gggcccaggg catctccttc   180

cattacggct cgggccgcct cgagaaccgg gcctccctcg aaaccgacat agccctcctc   240

aagccctccc acgtct                                                    256


<210>        2030
<211>        256
```

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963440H1

<400>   2030

aaaaaaaata aaaatcccac ttcctttttc ttcttttttt gttctttgtt ttttgtttga   60

taagaaactg cgagaagaaa gtaaaaggtt caatttttac cctttttttct tcccagaagc   120

gatctctgaa gccgacccat tttggaattc ggaaaaccca gtgctgatcg ctctctgggt   180

gttcccaaaa tgaagcttcg gagatcttcg ctgtgcgtct ttctagggtt tctggtgctg   240

ttcctttcgc cgccgc   256

<210>   2031
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963445H1

<400>   2031

ctgcaacagt agggtacatg gcatccccag ctagacaaag agaagatgac atgagaaaac   60

caccttcagg gttccctgat tgttccatca agctgcatgc acatgaagtt cggttccttg   120

ctgcagcaag gaaactagag tttggcaatg gtgttctttt ctatgatcgt atctcagttg   180

gtgcagattt gtctgatgct attggattca aaggttgtag agaaattgaa gggccttatg   240

tggactatct agaga   255

<210>   2032
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963447H1

<400>   2032

gctggaggaa ttggtgttag tgttcacaac attcgtgcca caggaagtta catccgtggc   60

acaaatggga catcaaatgg tattgttcca atgctgcgtg tgttcaacga tactgctcgc   120

tatgttgatc aagggggagg caagaggaaa ggtgcatttg ctgtgtacct ggagccatgg   180

catgctgata tatttgaatt cttggattta aggaaaaacc atggaaagga agagcatcga   240

735

gctcgagatt tgtttt   256

<210>   2033
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963448H1

<400>   2033

gaagctagct caaccgagaa gaagcaaggg ataatcatta ttagtcttct ttctcttttg   60

gttactattg attgctccaa tcatcgatac tatgtctcta aaaatagcag cagaaattta   120

tccaaaatca ccatcagaga cagtgaagga gcctttggtg gtggtaaagg aatatgatga   180

agatagacac aaggtcgctg tagagagact tgagaggctt tgtgaagttg ggcagagtgg   240

aaagccttct cttgtcact   259

<210>   2034
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963450H1

<400>   2034

attgatcctt ttcctgtctt gttttcatga cataaactat catcaactgt tgctttccat   60

tttggctata attccacaaa atgtgccatt tattgcaagt gtaatattac tagcatttcc   120

atatatcagt ccatggcctc cttaatgctc aatggagctc atcaaaatcc aaacctcatt   180

agtggcatag ctccaaatgg ccttaacttt cacaacaagt gtttattcca aaagggtgtg   240

ctgtctcatg gtaacaa   257

<210>   2035
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963451H1

<400>   2035

acatactcta gttggaagtg gtaaattact cgctaacagg gaaggggagt tgaacaagaa   60

acagcagtgc ctggcgaaga agagaaagaa aacaatcatg agcttcattc tgtttccgat   120

tctctttgca tttacctttc tgtcctcgcc cgttctctct gcttcggatc tggtcctcgc   180

caaggttgac cgtcgcattg atctgacttc acagattgtg cgcatcacta cttcactaaa   240

ggtgcagaat acggga   256

<210>   2036
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963454H1

<400>   2036

atttacaaca acaatggctt ctgtgcctca accaaaaatc tcccttctaa ccttattctt   60

cttctcgtcc ttcaccatca ttgcgcatgc aattgttcct caaaacgaaa ccttcaaatt   120

tgagaactca ggtgaacttg gaccctacat cgttgagtac ggtgcagatt acagaatgat   180

aagcatcttc aactctccat tccaagttgg tttctacaac accaccccaa atgccttcac   240

tctagctttg cgtg   254

<210>   2037
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963462H1

<400>   2037

ggagttcatc gacattgttg agaccgtcta ccgtggagcc aggaagggac gtggtctcgt   60

catcgctccc aaagattact ccaccaagta ccgttactag tttcattcat ctgtaacata   120

caacaaacta aatattatct cttttcttac ttctctggtg tggtgctggt tgtggttgta   180

tgatcattct gatttctgct tattcacaac tctgttacat gaattgcttt tgtcatatgc   240

taaagtgttg tta   253

<210>   2038
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963468H1

<400>   2038

ggaaatagat aatatttatt cgaaacgga ataccgaaga gaatggtgca gcagcaaggg   60

taaaccatcg acttgcttcc tttttgccag aaaatttact cggactgctg ctttaaggct   120

tcttaatatg tctgttctgg gagtgttcaa ttaagagaac aaaaggctct ttgtcagaga   180

gactgataca aggaagaaaa aatacactta gcaaacaaa taagaggaag aaaaggaata   240

aagtaaaagc agt   253

<210>   2039
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963473H1

<400>   2039

ctcaatagat gatcttaatg tcaagtcagt acctatatat gatggcattc acacaaataa   60

agttatgaag agaaagaaac ggaaaaaagc tgaagaaagt gatttatcat catatgtgtc   120

taatcatagt atattctctt actacgagaa caaaaaccgt ggcgcttgta ttgaagattt   180

tcgtggtgat gccttgagag gtaatgcaga gattaatatt gaggagttaa agtttaatga   240

taagctgcc   249

<210>   2040
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963475H1

<400>   2040

agaagacaca gtagtgttgt atccagcccc aggcataggc cacattgtat ccatggttga   60

gcttgctaag cttctccaat tacatgctca ttcaatcaca attcttctca ccacgggtct   120

ccttgaccac ccctctatcg acacctacat acaccgaatc tccatctctc acccttccat   180

cttcttccac cgcctccccc acacatcact ctccaccacc accaccgtga gcatggccgc   240

caaagcctt   249

```
<210>      2041
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963476H1

<400>      2041

ctaactcact cactcacaac tcagtgaaag agaatccgag gcgaagagaa gagaaaaatt      60

aagatggagg ggaaggagca ggatgtgtcg ctgggagcga acaagttccc ggagagacag     120

ccgattggga cggcggcgca gagccaagac gacggcaagg actaccagga gccggcgccg     180

gcgccactgg ttgacccgac ggagtttacg tcatggtcct tttacagagc agggatagca     240

gagtttgtgg                                                          250


<210>      2042
<211>      252
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963478H1

<400>      2042

aatggcttcg ttatcgcttt gcatagccat gacagcaccc actccctcag cttctctcat      60

tctcactgcc ccaaaaccat cttcgctctc tttgaacctt acccgcactt gctccaccgc     120

tcgctctccg cttctccatt gctccttcct ctcttctcct tcccttctct ctcccccttc     180

ctccatttca ggcttgtcac ttggattgga tttgacatct aattttggga ccagaagagg     240

aaaaggttct gg                                                       252


<210>      2043
<211>      253
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963479H1

<400>      2043

ggctctgcaa ttgcaaattc agaggatgtc gatcttcgag tacaacggaa gcgccgtggt      60

ggctatggtc ggcaagaact gcttcgccat tgccagcgac cgaaggctcg gcgttcagct     120
```

739

```
ccaaactata gccacggatt ttcaacgcat ttccaagatt cacgacaagc tcttcatcgc   180

tctctctggc ctcgccaccg atgctcaaac attgtatcag cgtcttgttt ccggcacaa   240

actgtaccag ctg                                                       253


<210>      2044
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963484H1

<400>      2044

ttcatccta acgcgtgcat agcagagtca gagacagaga cgcagccatg gggcggagac    60

ctgcgaggtg ttataggcaa attaagaaca agccataccc caagtcacgt ttctgccgtg   120

gtgttcctga tcccaagatc aggatttatg atgttggtat gaagaagaag ggtgttgatg   180

agtttccttt ctgtgtccat ctggttagtt gggagaagga aaatgtttca agtgaggccc   240

tggaagctgc                                                           250


<210>      2045
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963487H1

<400>      2045

tctgttatta cttttgcttg catctctctg tgttcaatct tcaaagactt gaattcttct    60

tacttaggtt ctgaatggct ggaatttgct gtggtgttgt cggagaaggt gacactccgg   120

ctccactcga gccaactact cgcccctcca ggcgccggag tttggacatc ttacccttaa   180

aatacatcgc tgacatggcg gtgccgccgt cggatggttc acggaaacgt cccaagctgg   240

atctcag                                                              247


<210>      2046
<211>      249
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963493H1
```

<400>   2046

ctctgttccg ttggcgggtg ggtctttctt ctctcaaaat ggccaccgga gtgaccagaa   60

aaatttctgc tgcatcagct cgggcccaca ccagaagggc gaagaaaacc aattctctac   120

cccttccttc aggaattctt ggaacagcac tagcagtgtt gtttattggg tttctagcat   180

gggcttatca ggttattcaa cctccccctc caagatatg cggcactcct gatggaccac   240

ctataacag   249

<210>   2047
<211>   289
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963605H1

<400>   2047

ggcaatggca tttccgtccg taacctctgt aactgtggag aacgtgacat tccctctcac   60

cgtgaagcct ccctgctccc ccaacacctt cttcctcgcc ggcgccggcg tcaggggcct   120

ccaaattcat cacgctttcg ttaaattcac tgcctctgca tttacctcca atacgacgcc   180

ctttccttcc tctccgttaa gtggaaaacc aagtctgctc accagttaac ggaatccgac   240

caattcttct cagatatcgt tacaggtcca ttcgagaaat ttatgcagg   289

<210>   2048
<211>   288
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963607H1

<400>   2048

gctcttgaga gcggatcgaa gaaacagatg aacaacacat tgcatcctct cagtgttctc   60

aagctctcca aaagaatgag cactagcatg agggagtcca ttctcccaat ttgtctctta   120

gatgcaactg cttcccccttg caggtcacct tggagatctt tactcatcat gagattcagg   180

ttgcaaccaa ttctttttagc caagaaaatt tgattgggaa gggtggttat gctgaagttt   240

acaaagggtg tttgccaaat cgtcaattag tggcaattaa acgtttaa   288

741

<210>   2049
<211>   287
<212>   DNA
<213>   ·   Glycine max

<223>   Clone ID: 700963628H1 .

<400>   2049

gggagaaccc aaaggatcct gatgaagttt tagtcaagta tgaagcatgc cttgaagatg   60

gaactcttgt ggcaaaatct gatggagtgg agttcacagt caatgatggt tatttttgtc   120

ctgctttgtc aaaggctgtt aaaaccatga agagggagag aaagtgcttc tgacagtgaa   180

gccacaatat ggatttggtg agaagggtaa gccagcacat gatgaagaag gtgcagttcc   240

accaaatgca acattgcaga ttactcttga gttagtttct tggaaga   287

<210>   2050
<211>   286
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700963644H1

<400>   2050

gctgctagct attagctatg ctagaggaa agatccagat caagaggata gagaacaaca   60

ccaaccgcca ggtncactta ctctaaacga cggaatggcc ttttcaagaa ggccaacgag   120

cttaccgttc tctgcgatgc caaggtttct atattatgtt ctccagcact ggaaaactcc   180

accagtacat cagcccctcc acctcaacaa agcagttctt cgatcaatac cagatgactc   240

tgggagttga tctctggaac tctcattacg agaatatgca agagaa   286

<210>   2051 ·
<211>   289
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963648H1

<400>   2051

tatcatcaat attcttgtca attgcctcta catgaaagac ctgctctacc aattgaccca   60

agagctagtg atggtatgaa tggatatctc tggttgtacg aaaggaatgt gctcagaacc   120

actgtatctt ctcccatcaa gggattgcaa gacttgagtt taatcaagtt ttaaatatta 180

cttatctcaa tcctcgtaaa catagacata ttccaaaacc tccggatggt gtactaatgc 240

caaaaaagat attaaaagcc attgacatta aaccttttcc tgtgttatg   289

<210>   2052
<211>   287
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963650H1

<400>   2052

agagaatccg aggcgaagag aagagaaaaa ttaagatgga ggggaaggag caggatgtgt   60

cgctgggagc gaacaagttc ccggagagac agccgattgg gacggcggcg cagagccaag 120

acgacggcaa ggactaccag gagccggcgc cgcgccactg gttgacccga cggagtttac 180

gtcatggtcc ttttacagag cagggatagc agagtttgtg gccacttttc tgtttctata 240

catcactgtc ttaaccgtca tgggagtcgc cggggctaag tctaagt   287

<210>   2053
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963657H1

<400>   2053

gggagttcaa gaatttggag acaaaagggg ttcctttccc aaagaaccaa cccatgagaa   60

tatactctag cctttggaac gctgaggatt gggccacaag gggtgggctt gtgaaaacgg 120

attggagcaa ggccccattc acagcctcat cagaaacttc aatgccctaa cctcttcctc 180

cactggccaa tcactggacg ccacggggct ggccaagatc cattgggtgc aaaagaatta 240

catgatttac aactattgca ctgatattag acgtttccca caag   284

<210>   2054
<211>   283
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963659H1

<400>   2054

gaagaagatc aaggagcagt ttcataccga gaccttggac aatgttcaga aactcactgg   60

catcacccttt gacattgtga gtggtttgtc caacatcctc gagaagttcg ggttgaagtt   120

taatcttaaa cccgcgtctc gccgtcttct cgcaaggatg ggttgcccac ttggttctct   180

gctgctgatc gtaagctttt gggtcgtgga tggagatcac gtgtcaagcc caatgttgtg   240

gttgcccagg atggcactgg tcagttcaaa accgttgccg atg   283

<210>   2055
<211>   287
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963662H1

<400>   2055

ctctcttctt tttactctct ctctgtctct ctctacgctt tctcgttcga gatccctcaa   60

gggatccact aactgaagga gaaatggggt tgacattcac caagctttc agccggcttt   120

tcgccaagaa ggaaatgcga attctgatgg tggtctcgat gcagctggta agaccaccat   180

cctgtacaag ctcaaacttg gagagatcgt taccacaatt cccaccattg ggttcaatgt   240

ggagactgtg gaatacaaga acattagttt cactgtctgg gatgttg   287

<210>   2056
<211>   282
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963687H1

<400>   2056

gccactgcca taactcactc actagcttct tctctgttct caccaatggc atcaacaata   60

tcagcaatgg ccatgatcaa cgccaaatgc gtcaacccaa agttccccaa tcccaccaag   120

ctcgcaccat caaaaccctc ccttcagaca accttccaaa gggcctcata gcctcacccg   180

aaagcactaa actttccccc gcgacagcaa tcgcaggagc aatattcaca accctcggaa   240

cctgcgacgc cgcattcgct gttcaacaaa tagccgacat ag   282

<210>   2057

<211>   280
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963691H1

<400>   2057

ctcactcaat ggcttggcac tcgttcctct tattagcgac ggccattctc gccgttgtgt   60

gctccgccgt gagcggttgc tcgccatcgg atagggcggc gctgctggcc ttccggaagg   120

cgctgagcga gccctacctt ggcctctcaa ctcgtggacg ggctccaact gctgcctcga   180

ctggtacggc atcagctgcg acgccaccac cggccgcgtc accgacatca acctccgcgg   240

ggagtccgaa gaccccatct tcgagaaagc cggtcgctcc   280

<210>   2058
<211>   281
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963692H1

<400>   2058

ttcactctca agcttcaagc atgactcctt tttacttcct cctatttgcc ttcatccttt   60

tcctctccat aaacttcttg atccaaacaa gaaggttcaa aaaccttcct ccgggaccat   120

tttctttccc tataatcgga aacctccaca actcaagcaa cccctccacc gcacgttcca   180

tgccttatca caaaaatatg gccctatttt ctccctctgg ttcggctccc gttttgtcgt   240

cgtcgtttcg tcgccgctcg cggtgcaaga atgcttcacc a   281

<210>   2059
<211>   283
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963694H1

<400>   2059

gtgctcagca acaccgctgc caacggcgag gagctggtgg cggatgctca tttgttacct   60

gccaccgcgg ttgggcagaa agccggtgac gctattaaga agtatttgtt ttctgatgcg   120

aaaccgacgg tgaagatttt gtttgaagga caaagttggg gattcagcca tctcctgtgg   180

tggcagcgtt tagctctaga ggacccaact cgatcacccc gcagatcctt aagccagatc 240

ttatcgcgcc aggtgtcaac atcctagccg ggtggtccaa ggc 283

<210>   2060
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963695H1

<400>   2060

gtggtacttc tttagtccac gagagaggaa gtatccaaat ggggtgaggc ctaatagagc 60

aaccgtgtct gggtattgga aggccactgg cacagataaa gcaatctata gtgggtctaa 120

gcatgtaggg gtgaagaagg ctttggtttt tataagggta agccaccaaa gggtctcaag 180

acagattgga ttatgcatga gtatagatta attggatcaa gaagacaagc caatagacaa 240

gttggatcca tgaggctaga cgactgggtc ttgtgtagga tcta 284

<210>   2061
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963701H1

<400>   2061

gttggcttca tagggactgg actccctcct tttgttgcat taagagctga catggatgct 60

cttcctctgc aggaaatggt ggagtgggag cacaagagta aagtacctgg aaagatgcat 120

gcatgcggtc atgatgctca tgttgccatg cttctcggtg ctgcaaagat cctcaaacgg 180

catgaaaatg agatacgagg aactgttgtt cttgtttttc aaccagcaga agaaggaggt 240

ggaggggcta agaaaatttt agatg 265

<210>   2062
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963706H1

<400>   2062

cttttcccaa tactcattat catcaccata tctgggtgtc aatgctacaa aaatttcaaa   60

ttattttgag agaaaacacg tcagcttaga aaccaaatcc aatattagac aaacctgttg   120

tatgccacaa atcacaatcc aatccctaat tttgtatctt gcaaagcccc caaccccac   180

acacacaaaa aaaggggaaa gtcacttaaa ttaaaaccct gagaatgtga aaattttgaa   240

actcgcatca accgactctg acc   263

<210>   2063
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963710H1

<400>   2063

atagaagcaa gattatcttc cttttggaat gtgtacttaa atttctctga ttaattattt   60

ccaggaaagg tatatcggga tatagttggt agtgcttact atgttgctcc tgaagttctg   120

cggcgcagat gtgggaagga aatagatata tggagtgcag gagtcatatt gtatatctta   180

cttagtggag tccctccatt ttgggctgag actgagaagg gaatatttga tgccatattg   240

gaaggtcaca ttgattttg   259

<210>   2064
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963711H1

<400>   2064

taaccctctt ctttttgttt ttgtataatc ccttcaaatt tgcattaggt aaaaaagagg   60

ctcccgaagt tgcaggtgca tggccaatac ttggtcacct accactattg agtggttcag   120

agacacctga tagggttttg ggtgctttgg ctgataagta tggacccata ttcaccatca   180

acaatggtgt caaaaaggtt ttggtaatca gcaactggga aattgctaag gaatgcttca   240

ccaaaaacga catcgtcgtt   260

<210>   2065
<211>   261
<212>   DNA

747

<213>   Glycine max

<223>   Clone ID: 700963715H1

<400>   2065

gatcgcaaag gacaagcgcg gttggatctt cgatcccata gcacccatta ttgttggatg   60

caattggaat acggcgtcgt ttttggtttg gaagtgttta ccgcgtgttc gtttgtgaaa   120

caattctctg aactactgat taaggcagct agtgattatg gtgctttgac agcatcagtg   180

gcaaattttt agtggagagg aatgaaagag atagggtca tgctgcattt tgatttttga   240

                                                                          261
caggtgtagg ctaggggagg c

<210>   2066
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963723H1

<400>   2066

gcatgattag ggactccgcc gaccattatg gattgagaac aaggagtgat ggtgatgcca   60

tctccatttt tggatccacc aacatttgga tcgatcatgt ttccctctct aactgtgccg   120

atggtcttat cgatatcatc caaggctcca ctgccatcac catctcaaat tgccacatga   180

ccaaacataa tgatgtgttt ctctttggtg ctagtgactc atacaacgga gacaagatca   240

                                                                          261
tgcagatcac agtggcattc a

<210>   2067
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963747H1

<400>   2067

cgacgacgat gatctcgaag agggtgagat ccccgtcgac ggcgaagata gcggcgccac   60

cgccacaacg aagcctccgg ccgccctcgc ccgaaacccc caccctctgg agaattcctg   120

gaccttctgg ttcgacaacc cttcctccaa gtccaaacaa gccgcatggg gcagctccat   180

ccgacccatc tacactttcg ccaccgttga agagtttggg agcatttaca ataacattca   240

748

ccacccgagc aagttgggtt t   261

<210>   2068
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963755H1

<400>   2068

ggttttttctt ttggtcctgg gtctgagacc gcggtgtccc ctaacccatt ggtcagagaa   60

ttatctgctc gcggtgtgtg gtgtgtggct gctgctgtca caagagaatt ttgcacatga   120

cattttgatg agaagacaaa tagatggaaa aatgtgctat gatcaattgg tgcgctcttg   180

attcattatc aggagatgca catgcagcac gtcatgctat tgttaaggaa cctgttgccg   240

atatttttggg agcgcatta   259

<210>   2069
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963759H1

<400>   2069

gaagtatatc cctagggaaa ataaatttct tcacatttac aatgaagcaa tccactctat   60

tcctgttcct attcctattc cccctcgttc atgctctttc ttacgaagct gcttatatta   120

gagatggcct caaatcctat tcccagcttg atctccctca ctccgttttt ggttctgaaa   180

gtgtagcctt cgattgccat gggaaaggac catatgttgg agtgtctgat ggtagaattc   240

tcaagtggca agagacaa   258

<210>   2070
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963760H1

<400>   2070

gcaccagttt caccgcacga atatcttgtt gtttggagcg atccgagaaa aactctgtaa   60

749

acatgttggt ttaccaggac ctccttacag gtgatgagct tctctctgac tccttccgtt   120

acaaggaaat tgagaatgga atgctgtggg aagttgaggg gaagtgggtt gttaaaggag   180

cagttgatgt agacattggt gcaaaccctt ctgctgaggg tggaggagaa gatgagggag   240

ttgatgatgc agctgtta   258

<210>   2071
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963792H1

<400>   2071

gaaagcagct cgaggacggc cgcaccctcg ccgactacaa catccagaag gaatcaaccc   60

ttcacctcgt cctccgtctc cgtggtggca tgcagatctt cgttaagacc ctcaccggca   120

agactattac cctagaagtc gaaagctccg acaccatcga caacgtcaag gctaagattc   180

aggacaagga gggaatcccc ccagaccagc agaggctgat cttcgccggg aagcagctcg   240

aggacggacg cacccctt   257

<210>   2072
<211>   216
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963796H1

<400>   2072

gaagaagata cgaaacctca agtttaatct acctattaga tgttgggtta ggatattagg   60

attttaatgc cttttgaact tgtttttgtt atacatcttt gaagatattt taaccttgtg   120

agcaacgaat tggcattttg tggatttctt atgtgtatta gtttcctgcc accttatttt   180

ctcctgaatt tattgtttat tgtttagaac aatgtg   216

<210>   2073
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963806H1

<400>   2073

tggattcgta tgtttatcag gatagaattc aaatgttaac cctttcattg tcttcaattt   60

ttctgtattt gatttattaa aacattagtt acatattgac gagaaaagat cacaacattt   120

aaatttttgt atgattatta aactcttttc aatttggtct ttcttttata ataaccacaa   180

ttttcttatt ttattaattt ctaagttgca tttgttgcaa agtatattat taaatactta   240

taattaaata   250

<210>   2074
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963809H1

<400>   2074

cttcgcaaca caacaaaaaa agacaaccca gagagcgcgt cttaataaac gctcttctct   60

gaaaaccccc atttctttc ttctttcttc ttctctttcg cttcttcgat cttcgatctt   120

cgtcgctgaa aatgagagag tgcatttcaa tccacatcgg ccaggccggg attcaggttg   180

gaaacgcctg ctgggagctt tactgcctcg aacacggcat tcagcctgat gggcagatgc   240

caagtgac   248

<210>   2075
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963811H1

<400>   2075

gttcaagctt tgcttgcaac taagctaatt gacgaaattg gccattcact tgcaaaaggg   60

catgatttca tcaagaagtc tcaggtgaga gacaaccct t caggagattt taagagtatg   120

tatcgtcata ttactaaagg gtcttggaca ttctcagatc aagaccatgg atggcaagtt   180

tctgattgca ctgcagaagg tttaaagtgt tgtcttcttc tatcaaagtt gtcaccagag   240

attgt   245

<210>   2076

<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963822H1

<400>   2076

atttcatact ctattatcgg ccttcgtttc gttcgttagt ttctcagtcg tttgttctga   60

gatcaacctt gcatcagggt tagggaatgg ctgctatctt agctcggaaa tcactccttg   120

ctcttcgtgc gcgccaattg gctgtaagcg gtcaagggct gcacagctcc caaaactatg   180

gccttcgatt aagtgcacac tcctactcta ccaaaagaga ggatgaagaa agggagcaac   240

tcgcaaag   248

<210>   2077
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963823H1

<400>   2077

gcacacgcct tgttctttgc accggaagca ctcacttgta tatgtggacc ccatctggcg   60

cctattgtgt tcatgttcct ctatcgcaat ttactataac agacctgaaa tggaattctg   120

atggcagttg tctacttctt aaggacaagg agtcattctg ctgtgcagct gtacccttgt   180

tgccagaatc tagtgagtac agctcagatg attgatgatc acgagggaat gaaacaaaat   240

gatggt   246

<210>   2078
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963828H1

<400>   2078

agttgccaaa ctattttct ctctcctttt tttgactttt ctttctttct gcaactccaa   60

aatgtcttcc atagggcaa aaaatctagc actctcctca gcctttttgc tccttttggt   120

cggttttgca acctcagaca tcaaccaaga caaagcagaa tgtaccgaca aacttcttgg   180

                                        752

tctagctggt tgtcttccct atgttggtgg tgaagccaaa gtccccgcca tggattgttg   240

ctctg   245

<210>   2079
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963829H1

<400>   2079

aaagggattc atcgttcttc ttcccaggtt atttagaaaa gcaaaatggt gaagatttgc   60

tgcattggtg ctggatatgt gggggggtcct actatggcag tcattgcact taagtgccca   120

tccattgaag tcgctgttgt tgatatctct aaatcccgca ttgcagcctg gaacagcgac   180

cagcttccta tctatgaacc tggccttgat ggtgttgtga agcaatgccg tggcaagaac   240

ctcttct   247

<210>   2080
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963831H1

<400>   2080

gcgttttttcc tccatttcct tcttcgctag attacccaga tctacgacga gtctctgcta   60

tgaattaatt ctcatatctc aaaatcattc accgttttca tttcattcta actaatcttt   120

ccagaaccct cgaatctctt ctttcgaacg tgcaaagatt tttgacttga ccgaatgctg   180

ttgcggttga aatcggtgtg agaaataggg tttcgacgat gccttcgctt ccctttggac   240

tccttctacg c   251

<210>   2081
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963836H1

<400>   2081

ttaactttcc cctttgaaat cctttctcag ttctgcgcca actgaaacgc agatcgaact   60

ccgccgtagc catcatcacc gatcgaactt cgcaagacag agatcagatt ctgattccga   120

cacagtaaca gtatgagcgt catcgacatt ctaacccgag tcgattccat ttgcaagaag   180

tacgacaaat acgacgtcga taagcaccgc gatgctaatg tctctggcga cgatgccttt   240

gccagactct ac   252

<210>   2082
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963843H1

<400>   2082

gccatgtgtt caatgggttg atgacaacct taagcaaagc aaagaagatt gttttgctca   60

ttcaatggaa tacgatattg agactaatca agttcgagca ctcacggtaa agacagatcc   120

atggtgctca tgtggaggac ttacacctga tggtaccctc gttgttgctg gtggttttgc   180

agacggaggg aaaacctcca gatactatgg cggtcaacct gattgccaag actgtgactg   240

gag   243

<210>   2083
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963847H1

<400>   2083

tctgcctgca gtctccaaca aaacagagtc tataagattc attcatcaca taaccgcaaa   60

accttcgctc gcgttcacaa cacaaaccct agaagccaac gtttttcagg gttgttagag   120

cacgatggtt cagtataatt ttaagaagat cactgtggtg ccaaatggga aggatgtcgt   180

cgacatcatc ctctctcgca cccagcgtca gacaccaacc gttgtgcaca aaggatatgc   240

tatttcacgg   250

<210>   2084
<211>   242
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700963859H1

<400>   2084

ggttgatcca tgataattct ctgggtaaa ctttcaatat tgagggagta aagcacttgt   60

taattacttg ctgatctctc tcttttctca ctcttggaca cacgcacaca gaggtcagga   120

ttgtggaatg tgaacgctgt aatacttgat cttaccacag ttagtaagtt ctcatgacat   180

acgagattca ctaatctttt ttgatacatg aagggcccaa agggctgaga ttcactagtc   240

ta   242

<210>   2085
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963861H1

<400>   2085

cagcgggata aagtgtatcc cgaaggaata cgtgaggcct caagaagagc tcaagagcat   60

agggaacgtg tttgaggagg aaaagaagga agggctacag gttccgacaa ttgacttgag   120

agagatagat tcggaggacg aggttgttcg agggaaatgt cgtgagaagc tgaagaaagc   180

ggcggaggag tggggtgtga tgcacttggt gaaccatggg atccccgatg agctgataga   240

gcgggt   246

<210>   2086
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963865H1

<400>   2086

gaacctaccc tcaaataccc ggtggagatc cacggtgtta tcctagcacc ggttccgcag   60

ttttgcttcc tcttcgagaa cctaatgtgg aggctgaggt tctgatttgt ggtggagccc   120

cgagaggggc ttttcggaat actctctcgg gtaagtttgt tggagcgttg agaacttgcg   180

ctcggattaa aataaccgac ccgaaagcga attgggtgat ggaaaccatg ccgggtgcga   240

gagttatgag t

<210>   2087
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963867H1

<400>   2087

gtttggtgtg agtgaatagg gatcagggat gtggaggctg aagatagcag atggaggaaa   60

tgatccatac atattcagca caaacaattt cgttgggagg cagacatggg agtttgatcc   120

tgaagcaggc agtccagagg aacgggccca ggttgaagca gctcgtcagc atttctacca   180

caaccgcttc aaggtcaagc cctgcgctga cctcctttgg cgttttcagg ttctcagaga   240

aaataacttc   250

<210>   2088
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963874H1

<400>   2088

accacattca aatccaaatg gccctttaca ttacactaat aattggcctc ctagtaaaca   60

ccctagtact ctataaatag catttgcatg caccttagtc ttcaccaaaa tactcctctt   120

ggcatcttgt gttgtgtccc tcttttaagc tatttccttc tcttaacaca attggttgtg   180

ccaattgcca tagtcaccaa ccaattaaca aaggtatata tatcatcata tcatcaccaa   240

<210>   2089
<211>   250
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700963882H1

<400>   2089

cttcaaggtt caagtataag ancccaaagg ggcatagatc agctattaga atctcacgca   60

tagtgtctga gacacttagg cttgggatgg aggatgtgag gtggtttgtg atgggggatg   120

atgacacggt ttttgtggca gaaaatttgg tgaaagtgtt gcaaaaatat gaccacaatc   180

agttttatta cattgggagt tcctcggaga gtcacttgca aaacatttat ttttcttata   240

atatggctng   250

<210>   2090
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963887H1

<400>   2090

ctctgtctca gccaacaaca caacaatcaa tgtacgctgc atcaaccatg aaatccatgt   60

acaagcctcc attgcccaga tctccaattc gccttcgacc ctctcatgct gttcattcat   120

caaactctat cgctcttcaa accccaccag gttccttgac caaatctcag aaacctgtta   180

tctctccaaa catgcgaccc gaataccgca ccatttcgtg cgaattacgg gctctgacca   240

aga   243

<210>   2091
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963890H1

<400>   2091

gagagatttg atagcctcaa ctcaagtaag ggttttctct ttgagaaaat cgtatcttac   60

accttttggt gaccactttg agtgagagaa gagaaattaa gagagatact caaattagat   120

tcaagagaga tggccatcaa ccatgaaact tgggctttca ttttcggtct tctaggcaac   180

gtgatctcct ttatggtgtt cctcgctcca ttaccaactt tttaccaaat ctacaagaaa   240

a   241

<210>   2092
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963896H1

757

<400>   2092

cgatcaaaca caaaatggaa aagaatgtgg ggattctcgc cattgacatc tacttccctc   60

ccgcttgcgt tcagcaggaa gcattggaga ctcatgatgg tgccagtaaa gggaagtata   120

ccattggact tggccaagac tgcatgtcat tctgtaccga agtagaagat gtcatctcaa   180

tgagtttgac agtggttact tctcttcttg agaagtatgg gattgatcct aaacaaatcg   240

gtcgtctgga   250

<210>   2093
<211>   249
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700963920H1

<400>   2093

cttctcttta cacncccctc nctattttgc gttcattctg ttttccagtt gaagtctttc   60

cntagccaat ggncactnat tgnttgaccc gggttcacag tgtccgtgag aggcttgatg   120

anaccctcac tgncaacagg nacgaaattt tggcccttct gtcaaggatc gaagctaagg   180

gcaaggggat cctgcaacac caccaggtca tgctgagttt gaggaaatcc ctgaggagan   240

catncnaaa   249

<210>   2094
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963928H1

<400>   2094

ccagagccaa ggtaggttaa acactcttct tcatcgtcgt cgcaatggga cgtgtgatcc   60

gtgcgcacgt aagggagcag ctcggtctt caagtcccac acgcaccacc gcaagggccc   120

tgcccgcttc cggagcctgg atttcggaga gcgcaacggc tacctgaagg gtgtcgtcac   180

tgacgtcatc cacgatcctg ccgtggcgc gcctctcgct aaggtcgcct ccgccaccc   240

gttccgctac aagaagca   258

758

<210>   2095
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963930H1

<400>   2095

ccttgctacc aacactgagc ttaaccgagc ttcgcaaaga tgaatcggga aaagttaatg   60

aagatggccg gttcggttag aactggagga aagggtactg tgagaagaaa gaagaaggct   120

gtccacaaga caacaaccac agatgacaaa aggcttcaga gcaccctgaa gagaataggg   180

gtgaatgcca tccctgctat tgaagaggtc aatatcttta aggatgacgt agttatccag   240

tttctaaatc ccaaagttca agcatc   266

<210>   2096
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963943H1

<400>   2096

gcttggtttg gctaggaaaa ttaccatctc caaggattct accactgtca ttgctgatgc   60

tgcgacaaag gatgagttgc aagccagggt tgctcagtta aagaaggagc tgtctcagac   120

agactcagta tatgatactg agaaactggc tgagaggata gctaaactgt ctggtggagt   180

tgcagtcatc aaggttggtg ctgctacaga gactgagctt gaggatcgga agctccgaat   240

agaggatgcc aa   252

<210>   2097
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963951H1

<400>   2097

ctggaacttg tctcaggagc aagaacaacc cctttggagt gaaggcatta aggcgtactc   60

cagcgaaacc ccattggacc ttcggacgta agaacaaggt cagcagtgct taagcagttt   120

aaggaaatgt gaacgtgcag aaggagccaa tgatgaagta aaagggaaga cgaaggacta   180

aagcaccagc tggatgcact tccccccttct tcacataatg ctgcacgtaa cataaagatc   240

tttaccat   248

<210>   2098
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963986H1

<400>   2098

caacttctgc tacttcctac tccaaccgca cttctgctcc gcaattatca tgggcaaggt   60

caagatcgga atcaacggat ttggaagaat tggccgtttg gtagccagag tggctctgca   120

gagagacgat gttgaactcg ttgccgttaa cgacccttttc atcaccaccg attacatgac   180

atacatgttt aaatacgaca gtgttcatgg acactggaag catcacgatg tcaccgttaa   240

gg   242

<210>   2099
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963987H1

<400>   2099

tcttctgcta ctgctgctca acccacacac caccctggga gcgcagaacc tcatgctacc   60

ctaccataac ggcgccctcc tcaaaggaac cattaccgtt aacctcttat ggtacggcag   120

cttcacccca atccaacgct ccataatcct cgacttcatt aactcgttaa gttccaccgc   180

ggggggcccca cttccctccg tagcatcgtg gtggaagacc acggacaagt acagggggggg   240

atc   243

<210>   2100
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963993H1

<400>   2100

gattactggt acctcccagg ctgattgtgc tgtccttatc attgactcca ccactggtgg   60

tttttgaagct ggtatttcta aggatggaca gactcgtgag catgctcttc ttgctttcac   120

ccttggtgtg aagcagatga tctgctgctg taacaagatg gatgccacta ccccgaagta   180

ctctaaggct aggtatgatg aaattgtgaa ggaagtctct tcctacttga agaaggttgg   240

ttacaaccca ga   252

<210>   2101
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964007H1

<400>   2101

atttctccat ttccattttc tctctcactt ttcaagaatc gtaagctatg ggaaagtctt   60

acccaactgt gagtgctgat taccagaagg ccgttgagaa ggcgaagaag aagctcagag   120

gcttcatcgc tgagaagaga tgcgctcctc taatgctccg tttggcatgg cactctgctg   180

gaacctttga caagggcacg aagaccggtg gacccttcgg aaccatcaag caccctgccg   240

aactggctca cagcgctaac aacggtctt   269

<210>   2102
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964009H1

<400>   2102

gtgaagtata tccctaggga aaaataattt cttcacattt acaatgaagc aatccactct   60

attcctgttc ctattcctat tccccctcgt tcatgctctt tcttacgaag ctgcttatat   120

tagagatggc ctcaaatcct attcccagct tgatctccct cactccgttt ttggttctga   180

aagtgtagcc ttcgattgcc atgggaaagg accatatgtt ggagtgtctg atggtagaat   240

tctcaagtgg caagagacaa agagagagt   269

<210>   2103

761

<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700964012H1

<400> 2103

gttagacttt gatagtttga ttagctctaa taaggttaag gaccagagaa agagagaaag   60

aaacagaatt tggaagaaaa aaagcacaag atgggttatt ggaagtctaa ggttcttccc   120

aagatcaaga aggttttga gaagaatagc accaagaaag ctgctgctgc tgaggccacc   180

aagtcctttg atgagtcaaa ggaggaatac aacaaagcct ttgaagaaaa gaagactgaa   240

cttcaaacta aagtagttga aatatacg   268

<210> 2104
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700964023H1

<400> 2104

attgaattct ccagagagaa gaagaaactt aatcgatcat cacttcactt cactaataca   60

tcatggcaga cgagacccag aacaagtatg agagctctga ggttgaggtc caggatcgtg   120

gtgtttttga ctttctcggt aagaaaaagg atgaagaaga caagcctcat cctcaggagg   180

aggtcatcgc caccgagttt caaaaagtca ctgtctcaga ccaaggagag aacaagcaca   240

gcctcttaga aaagcttcac cgatctg   267

<210> 2105
<211> 267
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700964029H1

<400> 2105

attctctcac acaaaataat ngacaagaag cttgggcaac acgtctcatg atcctgaagt   60

gagaaagggg ccatggacaa tggaagaaga cttaatcttg atcacctata ttgccaatca   120

cggggaaggg gtttggaact ctttggccaa ggctgctgga cttaaacgta ccggaaagag   180

```
ttgccggctc cggtggctaa actacctccg tcctgatgtt agaagaggga atattacacc   240

cgaggaacag cttttgatca tggaatt                                         267


<210>      2106
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964040H1

<400>      2106

cggaaataaa aaaatcccaa agaaattcaa tcttcttcat ccccaaacca aagacttgag    60

atctcagatt acacccttc ttcctttgtt ttctcattcc tgtcctttct cagacaacac    120

catctctctc tctcttgttc cctttttagg gttttgtaa tgggtctcgg taacgacgaa    180

gaagaggata acaataacaa tgataaggtt gtggatgacg gagatgttgg aggaggaaag    240

tctttcggtt cagtgtcgtg ttc                                            263


<210>      2107
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964041H1

<400>      2107

gtttctccct ttctctctgt ctctctctcg ctcttcttct catccagcac cgagtcacag    60

actcaccgat cttccgattc cctttcgtct tggtttatga gctcgaagga gagacccact    120

cttggtggca cgcggattaa gacccgcaaa cggaatattg ctgcgccgct ggaccctgca    180

gcattctcgg atgcagtggt ccagatttat ttggataatg ctggtgatct ggaacttatt    240

gctaagagca ttgaatcttc aga                                            263


<210>      2108
<211>      271
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964048H1

<400>      2108
```

tctctctctg attcgatcga tttcgattgt tgaattcatc acatcacgga gccttgtacg   60

ttgacaacga tggtgctgcc gctatttact gctttcattc tctttgcttt tattccgaat   120

ggattgttag cagttccttc caccgtcccg gcattccttt ggtcatcaca ttatgaactg   180

gcctctgaaa atatattgaa ggaatctgta aattaccaag tcatttctcc gaaggatcta   240

gcaaaatcta ttttatctga agcaggctgg t   271

<210>   2109
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964051H1

<400>   2109

ggttgacaat gaacatggga gttaaaaaat tgcaggagaa ggtgaagaaa taaagtgcat   60

ctttgaagaa aattgaagaa agaaagagtc attgtgcgat ttgttattgg ataatcatgt   120

ggaaacaaat ggtgcattcc aaggaaaggc aaaattgctc tttgctcatg ctggagacaa   180

atgggatgct gagttttatg caaaagtcaa tgatgatgtc tatgtaaata ttggttagtt   240

tttctttgac ttaaaccctg ca   262

<210>   2110
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964052H1

<400>   2110

gctctctcac tcacaaacgc acactgaatt caaaaacatc gaaagagaga ggcatggccg   60

agcaaacctt catcatgatc aagccagatg gcgttcaaag aggccttatt ggcgagatta   120

ttagcagatt tgagaggaag ggttttttact tgaaagggtt gaaactcgtt actgtggacc   180

gtcctttgc tgagaagcac tatgctgatt tgtctgcaaa gcctttcttt agtggtttgg   240

tggattacat tgtctctggc   260

<210>   2111
<211>   261

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964056H1

<400>   2111

cccgaagcag ccatggggat cgatctcaag gccggaggta agagcaaaaa gaccaaaaga   60

acagcaccca agtccaatga tatctatctc aagctcttgg tcaagcttta tcgcttcctt   120

gttcggagaa ctggcagcaa cttcaatgct gttatactta agagattgtt catgagcaag   180

gttaacaaac ccccattgtc tttgtcaagg ttgattaagt atacgaaggg gaaggaagat   240

aagattgcag tggtggtggg g   261

<210>   2112
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964058H1

<400>   2112

gtggaacgcc tgtctgctct aagaactcgt atagttgtaa tggctggcca agaaggtcct   60

acaattacaa gaacaaaaag gaaaagtgcc acccaacatg gaggttcaac actggctgat   120

cttcagcagg ctcttgaaga ctacttgctt gtacttttgg gattagttga aaatggaagc   180

catttacaat acaaagtaca atttgcttgg gtgaatcaag aggatgaagc agaggaaaca   240

accatgtcta atgcttggta t   261

<210>   2113
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964059H1

<400>   2113

agcactcatc cacacattct ccgtcgccac gacaacaatg ctccaaaga aaggtgcgaa   60

aggtggagtt gtagcagcaa agaagaaggt tcaggagaag gtaacgaacc ctttgttcga   120

gaagcgtccg aagcagttcg ggatcggagg cgcgctgccg ccgaagcggg acctgacgcg   180

cttcgtgaag tggccgaaga acgtccaaat ccaacgcaag aagcgcatcc tcaagcagag   240

gctcaaggtc cctccggctc t   261

<210>   2114
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964062H1

<400>   2114

aaagaatgct tgtccctggc agttgataat cttcctgttc ttgatgggaa gactccagtc   60

caagtgtacc agagtttctg tgagagcttc aagtcttcat tctctccatt catgggctct   120

acgatcatga gcatttccat gggtttagga ccggatggtg agctacgtta tccatctcac   180

ccccagctgc cgagtaatgg aaaaactcaa ggtgctgggg aattccagtg ttatgaccaa   240

aacatgctca gctttctcaa gcaaca   266

<210>   2115
<211>   261
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964067H1

<400>   2115

atcgcaggca aaatctgtta cgagaaatag ttggttaccg tgcagatatt attnngtctt   60

caggaggttc aaagtgatca ttatgaagaa ttttttctc ctgaactgga caaacatggt   120

tattatggtc tttacaaaaa gaaaacaaat gaggtataca atggaaacat taatacaatt   180

gatgggtgtg caacattttt ccgtagagac agattttcac atgtgaaaaa atatgaggtt   240

gaatttaata aggctgcaca g   261

<210>   2116
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964071H1

<400>   2116

caaacaacag agtttatttc tttttggttc cttggttcac gctggctgca aggcttgtgt   60

ttggtgggag cagcttctca ccgtgacgct gctctacgaa gacgacgaca acctcgtgtg   120

acaacatcaa ataatgggaa aaggaaacat ggaactcgag acaaacaagg tctatgacta   180

cgaggatgca cgaggggacg ttgaagtccc agataccgct catcagataa gcactgattc   240

                                                                    259
atggtttcaa gtggctttt

<210>   2117
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964072H1

<400>   2117

cacaaacccg tccctcacac tctccaaacc ctagcggcac tacacactag ttctatcgct   60

atctccccaa gatgtcgagc gccgatcccg agcacagaga agaggaggag gcacccgccg   120

ttggcgacga cgaggacacc ggagctcacg tcgctccaat cgtcaagctc gaggaggttg   180

ctgtcaccac cggcgaggag gacgaagatg caatcctgga tctcaaatcg aagctttacc   240

                                                                    259
ggttcgacaa ggacgggaa

<210>   2118
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964076H1

<400>   2118

gagcgagaga acaagaacat aagggaacca cagcggcggt aacagaagaa caagcagaga   60

atgggtcgag tgagaacgaa gacggtgaag aaatcctctc ggcaggtgat agagcgtcac   120

tactcgcgca tgaccctgga cttccacacg aacaagaagc ttctggagga agtggcgata   180

atcccgtcga agaggctaag gaacaagatc gcggggttct cgacgcacct gatgaagcgc   240

                                                                    259
atccagaagg gccctgtgc

<210>   2119
<211>   267
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700964080H1

<400>   2119

gtctgtttac atatatgacc tggtgagtgg tgcacaagtt gcaaaacttg atcatcatga   60

ggcacctgta agagattgta gttggcaccc ctattatcca atgatgatca cttcggcttg   120

ggatggtgat gttgttaggt gggaatttcc tgggagtgat gaagcccctg cttctccaaa   180

taaaagagaa ggtcgaattc ataggagaaa tttgctttat ctatagttca tgctctttgt   240

acatatgtgt ctggatccat actatat   267

<210>   2120
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964085H1

<400>   2120

ctttctctct ctctctactc caactccttg atgccaattt tagcatcagc gttgttgcct   60

ccattcttct tcttctctta atgggttgca tttactcgcg agtctgcata ggcgacaatt   120

gcagaggctc aagcatcaac ggagacccca ttatcgcccg aaacgacgtc gccgaagtcg   180

cgaatttctc cccttcctct tcggatgttg aagaaggcga aatcagagac caattgaacc   240

aattgagcat cactcg   256

<210>   2121
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964086H1

<400>   2121

gccgcgaggt ggcagacctc tccctctcct ccgtgcagtc caacatcgag tccctcatcc   60

tcaggatcgc ccactccatc ctctccggcc acggcttctc tttcgacgtc ccttcccgct   120

ccgccgccaa ccagctctac gtgcccgagc tcgaccgcat cgtcctcaag gacaaatcct   180

cccttcgccc gtttgcgaac atctccactg tgcggaaatc cgccatcacc gcccgcatcc   240

768

tgcagctcat ccacca   256


```
<210>        2122
<211>        258
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700964092H1

<400>        2122
```

ctggcctact gagtgggcaa aggcacggga agcataaggg atcaggaaaa tcgaaaagat   60

ctgtcaaaat gatgagcacc ttacgaatgc ctgctttaag aatgtcgagt ttctccggat   120

tacgtactct taatcctatg gattctctgt cgagaccacg ccacactttt ccgttgaata   180

caacttctag gcgcgagagg gctaaaagat ttgtacctaa agctatgttt gagcgtttca   240

cagagaaggc aatcaaag   258


```
<210>        2123
<211>        256
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700964118H1

<400>        2123
```

ttcttatctt catcctacgc caatagccca aaaccttgtt ctctttttgt ggttcatttc   60

tctcttccag atgccacttg ccgttcttca ccctcacgat tttctcagga aaaacccatc   120

taaccagtac cagaccataa tccctcactc tcccaacatg aatcctaata agtctcatcg   180

gacttcccga aaccgtaaga agcggcccga tccaagccca caaggcgttg tcagcccagc   240

ccggctcaca ttatcc   256


```
<210>        2124
<211>        248
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<223>        Clone ID: 700964153H1

<400>        2124
```

gaaccacaca gactttatca tcaccagcac cttccaagag attgctggaa gcaaggacac   60

tgttggacag tatgagagtc acactgcctt cacccttcca ggactctacc gtgttgttca   120

cggtattgat ccctttgatc caaagttcaa cntcgtctct cccggtgccg acatgagcat   180

atacttccca tacactgaaa ctgancgtag gttaacagag ttccacccccg anattgaaan   240

acttcngt   248

<210>   2125
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964178H1

<400>   2125

ggcagaatta ccggaattta tggcacaccg atctcatgag atccattcag gccgatactc   60

cttattgttg cctcgcgttg tggtgtgcac catgtgtgtc ttaccttctt cgcaaacgag   120

ctctctatga tgatatgtca aggtacacat gttgtgctgg ctacatgcct tgcagtggta   180

ggtgtggaga aagtaaatgt cctgaatttt gcctttgcac tgaggttttc ctctgctttg   240

gaaattc   247

<210>   2126
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964191H1

<400>   2126

cttatttttg gttttgttgg tgtcatgtgc tagaggggaa gacccttata gattctacac   60

ttggaatgtt acatatggag acatttatcc acttggtgtt aaacaacagg ggattttgat   120

aaactggcaa ttcccagggc cacaaattga agctgtgacc aatgacaact tgattatcaa   180

tgtttacaac agcttggatg aacctttcct cttatcttgg aatggagttc tgcagaggag   240

aaa   243

<210>   2127
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964196H1

<400>   2127

cgtaacagaa gggcccggag gcggcggcgc ggctgccgac ggtgacgccg ctgtcgaagt   60

gcaagctaag gctgctgaag ctggagcgca taaaggacta cctcttgatg gaggaggagt   120

tcgtggcgaa ccaggagagg ctgaagccgc aggaggagaa ggccgaggaa gacagatcca   180

aggtcgatga tctccgaggt tctcctatga gcgttggtaa cctagaggaa ctcattgacg   240

agagtcatg   249

<210>   2128
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964209H1

<400>   2128

gcccggcgag aaaatgagag aaatcctcca catccagggc ggccaatgcg gcaaccagat   60

cggagccaag ttctgggaag taatctgcga cgagcacggc atcgaccaca ccggaaagta   120

cagcggcgac tccgaactcc aattggaacg catcaatgtc tactacaacg aggccagcgg   180

cggaaggtac gttcctcgcg ccgtcctcat ggatctggag cctggcacga tggactcggt   240

cagatccggg cctttcg   257

<210>   2129
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964211H1

<400>   2129

ctctgctcgt agggtttctc cacctagagg gaaatggctc ccaaaccgcc tagtacgggt   60

ctgtttgttg gactgaacaa gggtcacgtc gtcaccaaga aggaattgcc tccacgcccc   120

tcagatcgta aggggaaaac aagcaagagg gtgcactttg tgaggaacct cataagagag   180

gtagccggtt ttgcacccta tgaaaagcgt ataactgagt tgctgaaggt tgggaaggat   240

aagagggcac tgaagg   256

<210>   2130
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964212H1

<400>   2130

gaacaaacat ggtttcttcc aacactgccg agctgctgag agaggagatt cctgtgaagc   60

aacaacctct gactttgtct gcagacatca taaccggcct cgtactcgtc gatgttgtca   120

atggcttctg caccgttgga gctggcaatt tggcgccgaa agaaccagat gaacgaattt   180

ctcagatggt aaaagaatct ctgaggctgt ccaaagcatt ctctgagaga aagtggccaa   240

tttttgcttt ccttga   256

<210>   2131
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964213H1

<400>   2131

ggaaaaaaaa aggactttcc ggttacatgg tccatcgggt cgaatgattt gaatacgagc   60

gaatccaggt aaatttgcct ccgtacccag aacggaacct tcgctaagcc ttcttggtgt   120

ttgcgtcaag ctcaccgagg aaaaacgaca atattttatt tagttgcctg tgtttcgaga   180

cgccaaataa acgacattat cactggcaac ccgaaacaca ctcttcatgc cgtttcattc   240

gtcacttcgc gcgtctc   257

<210>   2132
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964214H1

<400>   2132

cttttgccaa ctcaacttcg aactcaaatc aagcaatcaa tttcaaatcc aaaaatgggg   60

agctccacaa ccttctgtgc cttcttcctc gtgtgtacga tcttgtccgt ccacgtggcg   120

772

caatcctcat cctccaccct cgacctggac accttttttcc tccctctcaa atccggctgc   180

cgcggatccg tcgccgagtg cagcctcctc gccggcgacg acgacaccga gtttctgatg   240

gagtcggaga gcaaccggc   259

<210>   2133
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964217H1

<400>   2133

cactcttatt gttttcttaa aatttcttcc ttgccactgc cagtgtgtca ccaccatggc   60

caccgtcaca acccaagcct ccgccgcgat tttccggcca tgtgcctcga aatcgaggtt   120

tctgaccggc tcttccggta aactcaaccg ggaagtgact atgaggccaa tggggtgccc   180

tccttctgcc tctttcaagg ttgaagccaa gaagggagag tggttacctg gcttggcctc   240

cccaacttac ctcaatggca ct   262

<210>   2134
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964220H1

<400>   2134

ccccgccagg ttcagagact tttccgattc ctggaagaag agaagagaaa acctaaatca   60

cagatccatg gcggaagaac accgatgtga acctcccgaa ggtcaccgac tctgcgtcaa   120

caactgcggc ttcttcggta gcaccgccac gatgaacctc tgctccaaat gctacagcgc   180

gatccgtttg aaggagcaag aagaagcgtc gacgaaatcc acaatcgaaa ccgcgctctc   240

ttctgcctcc tcggc   255

<210>   2135
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964223H1

773

<400>   2135

gcttctagcg atgctgagtt gagaggcaat cagtttcatc tggaagagag atatggtaat   60

aataataggt actcaaagga tgcagttctc actaagggtg aatgcctctg ggagggaatg   120

cttcaaccaa atatctctag cactcattca gtcgtaagca tctttaagag tggtgagaaa   180

actgctgctg aagactggcc tgggtttctt gagatcaagg gaagggtgcg atgtgatgca   240

tttgagaaat tt   252

<210>   2136
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964236H1

<400>   2136

aaaaaaaaaa cccttagcca acacaaccat catggccacc tctgctattc agcaatcagc   60

attcactggt caaactgctc tgaagcagct caatgagttc gtccgcaaga ccggtggcgc   120

cggcaaaggt cgcactaaca tgcgccgcac cgtcaagagt gctcctcaga gcatttggta   180

tggccctgac cgtcccaagt acttgggtcc attctcggag cagattccat catacctgac   240

cggagaattc cct   253

<210>   2137
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964245H1

<400>   2137

tggcaaatta gctactgatt tcactgctga cacattgggt ttcaagacct atgctccagc   60

atatcttagc ccacatgcat cagggaaaaa cctccttatt ggagcaaact ttgcttcagc   120

tgcatctggt tatgatgaaa atgctgctac tttgaatcac gcgattccgt tgtcccaaca   180

gttgagttat ttcaaggaat accaaggcaa gctggccaag gtagctggca gtaaaaaagc   240

agcctcaatc atcaagg   257

774

<210>   2138
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964256H1

<400>   2138

cgcaaaagta tttactcttc tccaggaggt accctgttcc tctgtatctt cagcaaatga   60

gagttcaata acaatgtctg tgccactggg aaatccatgt gccttcaagg agattacacc   120

ttccgtgaaa gaggtaatag cacgagatga aaaaactgaa tcttttgtca ctgttgaacc   180

tgaaaatggg aagttggaga tcaatgatgg aaaacagact aatggcacta gtaaagactc   240

caggttagag gatt   254

<210>   2139
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964259H1

<400>   2139

gcggctatga agaaccatcc agataaggga ggagatcctg aaaagtttaa ggagttaggt   60

caagcatatg aagttttaag tgatcctgag aagaaagaac tgtatgacca gtatggtgaa   120

gatgccctta agaagggat ggggggagga ggctcgtttc ataatccatt tgatatattt   180

gaatcatttt ttggaggagc aagctttggt ggtggtggta gttcccgagg tagaagacag   240

aagcatggtg aaga   254

<210>   2140
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964267H1

<400>   2140

tgatagctta agtggcagca gtagttgttt gagcaatcga caagatgaag tgggagatga   60

atgttggggt cttaccgagt ttgattctgg cacatctgtc aattactctt ttagtaattt   120

ctcctttaag aatctctccc agcttgcatc aatcaactat gatctcacca agggatggaa   180

775

agatgacccg ccaacgaatt ctagtgcata gctgtatgta ttaacctatg tcaaagtcca 240

gaatttggtt t 251

<210> 2141
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700964270H1

<400> 2141

atccatcacc ctttctttca ttctgttggg aaatggaagt cacactttca gcgtgcaagt 60

ccattagctc gccttctgtt cccgtcgcag ctttatttgc ggggaaagca ggaactaaga 120

gttcgcaatg cagttttta gctggagcaa acaaagtgag gtttcctagg caagtcggtc 180

aagttagcca cgttcgcaaa cagcgccaaa cgcgtcactg tggtgctctc cacgcgactt 240.

gcagcggtga 250

<210> 2142
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700964280H1

<400> 2142

caaccttgat ccatcaggta gagcagcact tggagtgcat gcatcagctt atggaaacca 60

ggtcaaagct gtagaaccag agaagatcat acccaagatg gaagtttctc cactaggagt 120

tgccatatag agcttgtatg agccatagca aggactagta gttgccctag aaccagcata 180

taatattatt atactagtca tcataaaatg aaaattttgc ttgctttgta gtttatccag 240

ggaatggtat ataaatagat aa 262

<210> 2143
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700964282H1

<400> 2143

ggtgacaaga gcttccattc aattgcacta aatatctagg agtagtaaat gttattcagt   60

ttaatatgaa ttctcatgat gttttgaaaa ctctggtctt gcagtttgtt gcttcgtcgg   120

gagtgttgtt cctttagcaa tggagaatat ttgaaggcag gtttacatga gttggaacaa   180

tggtgtctta aagcaacaga ccagtttgct gggtcatctt gggctgaact caaacacata   240

cgccaagctg tg   252

<210>   2144
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964285H1

<400>   2144

ggcatggtgt gcactgctag ggttgtgtcc aaggctgtga tcactgggta caaagatggg   60

ttcaaccaga ttaagtcctt ggttgatgtt ggaggtggca ttggagggtc tctttctgag   120

attgttaggg cttatcctca catcaatgcc atcaactttg acttgcctca tgtggttgcc   180

actgctccta agtatgatgg aatcacccat gttggaggtg acatgttcgt gtccattcca   240

gatgctga   248

<210>   2145
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964286H1

<400>   2145

gcctcgccga ctcggttgct atcagcgagt gagagtgagt gagtggttct cttgcagcaa   60

caaggtttag tgacaccaaa cagacgggaa atgggtcgtg gggtcagtgc tggtggtgga   120

cagagttcct tggattatct ctttggcagt ggggtacctg ccagcagtgc aaatggtgct   180

cgcactcaaa atgcaagtgc tccttcacca ccggttgata agcaaagtcc agcaccagca   240

ccagcacc   248

<210>   2146
<211>   234

<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964291H1

<400>   2146

cctcttctaa cttctccatt tcacacagga agaagatcag ancacattta gaacaaaaaa   60

gagagtttga gaaatgggga ggggtaagat tgagatcaag aggatagaga actcaagcaa   120

caggcaagtt acatactcaa agagaaagaa tgggatccta aagaaggcca aggaaatcac   180

tgttctatgt gatgctcaag tttcgcttat catctttgct gcatctggaa agat   234

<210>   2147
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964294H1

<400>   2147

taaaaataaa agtaaaatag agggagaaat gagaagtgtg aagatggtaa aatgatctca   60

aactcggacc ccgtagaacc agtcacggca accgccactg ccggcgccga cgacgccacc   120

gtctcaacaa ccgcctcttc ttccaatgaa gatcagcctg caccgccggc ggcaccaaac   180

attgtgatgt cctccaagga tcacgattct ctcttcagcg gtggcggcat cagctttctc   240

tctggaagcc gaaatgga   258

<210>   2148
<211>   259
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964295H1

<400>   2148

gangggttgc ttctggacgt gatgcagntg ctgagggagg tgaggataga agttataggg   60

gtgcagtcgt cgcttaacaa tggggtgttc gtggcggagt tgagggctaa ggtgaaggaa   120

catgcaaacg gcaagaaggt cagcattgtg gaagtgaaga gggcacttaa ccaaattata   180

ccccatgctg ttgactaaag aggggggtgca tgcttgaatt ttcagggctt gactttatgg   240

778

atgaatattc caagtagaa   259

<210>   2149
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964321H1

<400>   2149

cgacttttct tggtctctac ttcgcatttc cgttctttgc ttttctcggg ctacgaaaaa   60

cgacgtcgtt ttcccaattt tccccggcga ccgggaaatg gtggagccgg tggagcttcg   120

cggcgaggag cagctctcgt tgctgtcaga ttccagcaat ggtgaccggt cgtggcggtt   180

gaacttcgac gggtttcagc tatcttcgga gcacacggag aagcaagtga aaccccctcg   240

                                                                            261
cggactccat gactgttatg g

<210>   2150
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964330H1

<400>   2150

cttacactta cccacaggga ggcgaacaga gaaactcaga gacccgaagg cagatttcaa   60

gatgaagttc aacattgcga atcccaccac cggttgtcag aagaagctgg agatcgatga   120

tgacctgaag ctgcgagcat tttgggacaa gaggatctca caagaggttg ttggtgatgc   180

tctgggtgag gaattcaaag gttatgtctt caaaattact ggaggttgcg acaagcaagg   240

                                                                            264
atttccaatg aagcaaggag tgtt

<210>   2151
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964340H1

<400>   2151

gtcccgcctt tgtaaataca attgggacac tactaggatt gggaagaagg gtctttacat   60

ttttagtttg gcaaatagat attgcaacta cctttgtata aatctatttc tgaagaagca   120

attacaactt tcaagggatg atagcatttt gtggcataag gattaaggag gcataaagga   180

ccaattgctt tggaatattc actcatgaca aggcacaagg tcatgcgtgt atgccaacac   240

atagtaatga tgtgtg   256

<210>   2152
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964351H1

<400>   2152

gtactgcgtt tcggaagcag acacagatgg ctcgtacgaa gcaaaccgct cgtaagtcca   60

caggaggaaa ggctcctagg aagcagcttg caaccaaggc tgcacgtaag tctgcaccaa   120

ctactggtgg tgtgaagaag ccccaccgtt atcgtcctgg taccgttgct cttcgtgaga   180

ttaggaaata ccagaagagt accgagcttt tgatccggaa gctccccttc cagaggctgg   240

ttcgtgaaat tgctcagga   259

<210>   2153
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964353H1

<400>   2153

ggtgtgtcct gttccgttcc taaaagacta tccctttac aaactgaagt gaatcggagg   60

atctgttctg ttccataaga tggctggact tttgggatat aggagccttc cacctaaggc   120

aaagaatttg gtagttgctg ggggtttgac agcttttgtc tttggtgcct acttctacac   180

catgagggct gttggaggca ctgatgaact gcaggtagca attgataagt ttgaagctga   240

caagaacaag aatgc   255

<210>   2154
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964404H1

<400>   2154

ctcctcactc catctcagtc tcatcactct ccaaccacaa tggctgtctt gggcggcgcc   60

gcctccgctc gcatcattcc ctccgtctca ctctccacct cttctcgctc cttcttctcc   120

ttatcatcct cttccaaact caaatgcttg cgctcctctc ctcgcatttc gcacctcttt   180

ctcaatcagc aaagagcgga ggttcgcgtt tcgagtggag gatacggaac ggtatcggcg   240

ccgaagtccg ttgc   254

<210>   2155
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964408H1

<400>   2155

ctatcttgcc tctcttcttc tgctactgct gctcaaccca cacaccaccc tgggagcgca   60

gaacctcatg ctaccctacc ataacggcgc cctcctcaaa ggaaccatta ccgttaacct   120

cttatggtac ggcagcttca ccccaatcca acgctccata atcctcgact tcattaactc   180

gttaagttcc accgcggggg ccccacttcc ctccgtagca tcgtggtgga agaccacgga   240

caagtacagg gg   252

<210>   2156
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964412H1

<400>   2156

gttcaggggt tgggcctggt gaacccgaag aaggtgttca cgttttacga ccaattacac   60

agttatctgg cgtccgcggg tgtcgacggc gttaaggtgg acgtgcaatg catcttagag   120

actctgggtg caggactcgg tggaagggtg gaactcacga ggaattacca tcaggccctt   180

gacgcttcga tttctagaaa cttccctgac aatgggtgca tcgcctgcat gagccacaac   240

acggacg   247

```
<210>      2157
<211>      254
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964415H1

<400>      2157

attcattcaa gattcagcaa gtgcgttttg gaagcagaga ccgaaatact tcgagatggc    60

ccgtacaaag caaactgctc gtaagtcaac tggaggaaaa gctcccagga agcagcttgc   120

aaccaaggct gcacgtaagt ctgcaccaac aactggtggt gtgaagaagc ctcatcgtta   180

tcgccctgga actgttgctc ttcgtgagat taggaaatac cagaagagca ctgagctcct   240

aatcaggaag cttc                                                     254


<210>      2158
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964428H1

<400>      2158

ggtgggccat gctcgccact ctcggagctc tcactgttga gtggctcact ggtgttacat    60

ggcaagacgc cggaaaggtg gagctagtag aagggtcatc ataccttggg caaccacttc   120

cattctcaat caccacactg atctggatcg aggtactcgt aattggctac atagagttcc   180

agaggaatgc agagctcgac ccagagaaga ggttgtaccc aggtggcagt tacttcgacc   240

cattggg                                                             247


<210>      2159
<211>      145
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964433H1

<400>      2159

gtccccggaa agtgagcgtc aaagaacgaa atgactttg agagttttta gatttgtgtt    60

tggtgaagta cttcagataa tgtgaattat cttgtgtatc cgaatccaac ttaatgttac   120
```

ttgctttta caaaactcaa gtgtc 145

<210> 2160
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700964439H1

<400> 2160

gtcaagctcg tggacttaca tggttcattc ctaacgatga cccaactctg atctccaaac 60

aacaactctt tgcaagaatt gttggaggac taggtgggag ggctgcagaa gaaattattt 120

tcggtgagcc tgaagttaca actggagcag ctggtgattt gcagcaaatc accagtttgg 180

caaaacagat ggtgaccaca tttggaatgt ctgatattgg tccttggtca cttatggaac 240

catcag 246

<210> 2161
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700964452H1

<400> 2161

cacaacattc gtcattcacc gccttgtctt gtcttcttct gtctccgaat cacggaatct 60

ctctgaatcg cgggattaag agaggaatat gcaacagagg ctaaagttgc agcaacaaca 120

ggccctcatg cagcaagctt tgcttcaaca gcagcagatg taccaccctg gcatgctcgc 180

cgctgctatg tctcagatgg agcctgttcc aagtggaaat gtgcctcctg gttttgatac 240

gtctgca 247

<210> 2162
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700964458H1

<400> 2162

atcctggtga ggtaaacaga attagggaat tgccacaaaa ttccaagata gtggctacac 60

atacagacag ccctgatgtc cttgtttggg atgttgaaag tcaacctaat cgccatgctg   120

tccttggagc tacaaactct cgtcctgatt tgatattgac cggacaccaa gataatgcgg   180

aatttgctct tgctatgtgc ccaactgaac cctatgttct ttcaggagga aaggacaaaa   240

```
<210>       2163
<211>       243
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700964470H1

<400>       2163
```

ctcactcctt ccccatttca aatcttcgtc tccaattcgc gctcacataa accctaccct   60

caatttccat tcgcaatttt tgttgctgct gagcacggaa tcggagatga aagtgaagat   120

cttgcaatgg catgctattg cttcttggac ttgggatgca caggacgaaa cgtgtgggat   180

ttgtaggatg gcctttgatg gatgttgtcc tgactgtaaa cttcctggag acgactgccc   240

gct   243

```
<210>       2164
<211>       245
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700964472H1

<400>       2164
```

ctcagacaca cactctcact ctctctccct caccttccat aatgcagctc ctccggccac   60

tgctcgcggc ggcgctgctc ctcctcgcca ccctctccga cgcgcacaac atcaccagca   120

tcctcgcaaa gcaccccgag ctctccacct tcaaccacta cctcaccctc acccacctcg   180

cccccgaaat caacggcaaa accaccatca ccgtctgcgc cgtcgacaac gccgccatgt   240

cggac   245

```
<210>       2165
<211>       241
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700964475H1
```

<400>   2165

gaggagtaca agattgatgt attccaaaat gccagggctt gtctgaggtt gagggctgcc   60

tgcgagaagc tgaagaaggt gcttagtgct aatccggagg ccccttTgaa cattgagtgc   120

ttaatggatg agaaggatgt cagaggcttt atcaagcgtg atgagtttga gcaactaagt   180

cttccaattt tggaacgggt gaagggacct ttggagaagg cacttgcaga ggcaggtctt   240

a   241

<210>   2166
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964476H1

<400>   2166

acattgacag cggcacctac ctgtacttgt attattttgg tattcgtata aatgttttcc   60

tctttctctc ttctcttcta aatctaattc gaatcttcgc cagttaatag aaactcaact   120

ttgagtagat aatactgctg gatgtctcgt ctctaattat tgtatttgga aaatagtttt   180

gagttgagga tctaatcatt accagattta atatacttgg caaatggggt ctgaaggtc   239

<210>   2167
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964478H1

<400>   2167

ggaggaggtc gcagaagatt cccagtctct tcagtggaag atgtgtaaaa gctttggaaa   60

cagttcaagc aaagtccttg atgttcaatt tggaatctct cttgctagtt tgaaaatggt   120

tgctgcatat tcagatggta atgtaagagt ttttgagctc tcggatccct tggaactgag   180

aaactggcag cttcaggctg aatttcaaaa tgttattgag tcagtgtctt catttggaaа   240

ggct   244

<210>   2168
<211>   241

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964488H1

<400>   2168

gatgtaggag tgatcattta tggaagaaac acatggagag gaaatggggt aaggtgtttg   60

gtgatgctgc ttataggcaa tggaaatggc atgtagcttc caagaacaga gaaaaaatct   120

cctccaacca gcacaatcag aaaggaatat ttgctttcct tcgtggtggt tttctcccct   180

tcatatggat caaagcaaaa tcagaaaagg gcacagagtc aagtagctca ttaccagaag   240

a   241

<210>   2169
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964490H1

<400>   2169

gctcatccct ttagggtgaa agaagaatgg tgctttcgga ggaggaaatc ggtcgtctat   60

accgaataag gaagacggtg atgcagatgc tgagggacag aaattttctg gttggtgact   120

tcgagatcaa catgtccaag cacgagttca gtccaagta cggcgaacac atgaagcgcg   180

aggacctcgt catcaacaaa tccaagaagg acaactccgg cgaccagatc tacgtttt   238

<210>   2170
<211>   240
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964495H1

<400>   2170

ggattngaat cggttcnana atgttttcta atttgttgat aatcantaat tntcattatg   60

gggtcnttgn ttgttcnagg tgaanntgat caaacaataa agnttgtntg tgtttgctttt   120

gtattacnga gtnaactcat ttnngtagta gcacatagta nggctctttg ccntnatggt   180

gttgatgtca aatacttaag aacacaggnn ntggnggcat ttccaagtnt atngcttggg   240

```
<210>      2171
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964502H1

<400>      2171

cacttgttgt ttgaggttcc ctggtcagtt aaactctgat ctgcgaaagc ttgcagtgaa    60

cctcattccc ttcccgcggc tccacttttt catggtggga tttgctcctt tgacatctcg   120

tggctctcag caatacagag ccttgagtgt tccagagctc acccagcaaa tgtgggattc   180

caagaacatg atgtgtgctg ctgaccctcg acacggccgc tacctcactg cctcagccat   240

gtttaga                                                             247


<210>      2172
<211>      237
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700964506H1

<400>      2172

tatattcctg atcctgaggn tnngnaacca gangggtctg ntgtcatccc aaaagngctc    60

ccnanacccc gangccaanc aagcctgaag gttgggatgn tgaggnanct ggtgagtgnn   120

cacccctac cnttgccaac cctgagtaca gnggcccatg gnangcgtgn aaatcnagaa   180

ccccaactat aaaggaaatg gtaggcacct tgatngatnc cccagntttc aggatga     237


<210>      2173
<211>      240
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964522H1

<400>      2173

ggaattatca gtgtcttctc tttcatacat caagaaacaa aagggtgttg aaataatggg    60

accctcttgc tctaatcgat caatagatga cggcacactt ctattgaact acaaacagtg   120

ttccttcaat aagaaattga tgaatgggta tttttctttt ggagcacagg gccttgctgt   180
```

tgaagattcc aatagctgcg caaagtcaaa cagcagctac aaacgtttaa gttccatagt   240

<210>   2174
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964535H1

<400>   2174

gaagaataga gagtgatgga gtgcgtattc ggattggtgg gtaatggatt cgcgatcgtg   60

gtggctgatt catcggcggt gcacagcatc ctcgtccaca agtccaacga ggacaagatc   120

atgcttctcg attcccacaa actcatcgcc gctagcggcg agcccggaga cagggttcaa   180

ttcactgagt acattcagaa aaacgtcgcc ttgtatcagt tccgtaacgg catccctctc   240

a   241

<210>   2175
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964541H1

<400>   2175

cgagatttaa aacccgaaaa tctactattg gatgaaaatg agaatttgaa ggtttctgac   60

tttgggttga gtgcacttgc tgaatctaag tgccaagatg gattgctcca tactacatgt   120

ggtacccctg cctatgttgc tccggaagtg ataaacagaa agggctatga tgggattaaa   180

gctgatatat ggtcatgtgg ggtaatcttg tatgttctat tggctggtca tcttccatt   239

<210>   2176
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964548H1

<400>   2176

gcacctcaga ttcatggaaa aagtaatgat cctagtaata ctgagtctgc tctaaatgca   60

agttcaactg tgtctcatgc tggtgtaaaa gtgacaaaag ttgatataat tattgttgat   120

788

gttgactctt cagacccaag ctcgggattg acatgccctg ctccggattt tttggatgag 180

tcttttcttg agaccgtaaa ggataaactt tcagaggatg gtctctttgt tgtcaatttg 240

gtgtcacggt c   251

<210>   2177
<211>   185
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964549H1

<400>   2177

gaaccttgac ggggattgtt actttccaag gaatgttgaa ggttttcaga gaccacctca 60

aatccatgtg ctaacagtta ctactttact actatattac atgatgatga tgtagacaac 120

aacaactact atgctactac ttcctctaat ttgttgcaat aaaaacccgc ttgcaaattg 180

tctcc   185

<210>   2178
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964552H1

<400>   2178

gcatggactc cgccgggtac acctccgaca tcaacgagga ttccaaaacg acaggtttaa 60

tgggcatgaa ccgaggatcc ctctcgttgg taacacaaat gtcgcttccg aaatttttcct 120

actgcatctc tggggaggac gctctcggtg tcctcctcct tggcgacggg acggacgccc 180

cgtcgccact gcagtacacc cctttagtga cggcgacaac ctcgtcgccg tatttcaac 239

<210>   2179
<211>   306
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964553H1

<400>   2179

789

```
gtcgtagcng aggggtctctt tcntttaggt ttttgtacaa ttgctttaat cctancccaa    60

gcatgatcgc gctccgtgtc ananacgcct ngcacatcta ncatcancnc aagctgagag   120

ggtctctncg tgctttgatc tgctnannag tctnacgnaa gntnttccng caagccagaa   180

gnactntcga gngcgtacan ngacgcgtgt agagagagtg datagagaga ngnganngag   240

annaggccaa gtgangnaan atccggaatt agggnnctng agnggtaaaa atgtgggaat   300

tgccaa                                                               306


<210>      2180
<211>      238
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964554H1

<400>      2180

caaaaacgaa gtactactac aagggaagaa aaacttagct actaaggaag gatcaaagag    60

aatggctcaa gcaatggcat caatggctgg cttgcgtggt tcctctcagg ctgtgttgga   120

aggtagcctt caggtgagtg gctccacacg cttgaatgtg gggagtggaa gcagggtggc   180

ctcagtcaca cgtgcagggt tcacagttag agcacaacaa caacaagtga gtggtgag     238


<210>      2181
<211>      244
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964561H1

<400>      2181

gattgttcct ccgaacagtg aaccctcacc taacaatcag aacccaggat ttggtgaaac    60

gatgaacagt gataggaaaa ttggggttgc cttggacttt tccaaaggaa gcaaaatcgc   120

tctgaaatgg gctattgaca atcttatcag caacggtgac actctctaca tcgtccacac   180

caagccttcc ggaggaagtg aatcaggaaa tcttctctgg tccaccactg gttcacctct   240

gatt                                                                 244


<210>      2182
<211>      246
<212>      DNA
```

<213> Glycine max

<223> Clone ID: 700964579H1

<400> 2182

ggctatcctc tttgttccta agagggcacc ttttgacctc tttgacacaa ggaagaagcc   60

taacaatatt aagctttatg tccgccgtgt ctttatcatg acaactgtg aggagttgat   120

tcctgagtat ttgggctttg tcaagggtat tgtggattcc gaagatctac cactcaacat   180

ttcaagagaa atgttgcaac agaacaagat cttgaaggtc atcagaaaga acttggttaa   240

gaagtg   246

<210>   2183
<211>   270
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964609H1

<400>   2183

cttgttctct gattggccta gccagtagta gccaatttgt tggagctggt tgggaatggc   60

gtcgaaaccg aaatcaaatg gaaattccaa atgcaacaaa ggattcgctg acagctatat   120

gctgttgaat cctgaagacg ctcatttctt cgatcttgtt catgtgctgt attcccgtaa   180

cttgggaaac cgaaaatttg tggacagcaa tgctgaggga tcttatgagg gaagcttccg   240

ccaaagatgg cttatattcg tctctgtggt   270

<210>   2184
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964611H1

<400>   2184

ttcacctcaa taaacaaccc ttcctctgct tcagtgccct cccctgcctt ttcagctaac   60

tttttctttt aatatcatat cactcatgtc ttacttagag tctcaggtct acaaagagag   120

aaagtttgaa gaagaatcag aagaggtcac tcttgatggg agtgttgatt ccatggacg   180

tcctgcaatc agagccaaat ctggcagatg ggtggctgca attatcatcc tcttgaacca   240

agctctggca actcttgcat tttttggg   268

<210>   2185
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964614H1

<400>   2185

ctgctacttc ctactccaac cgcacttctg ctccgcaatt atcatgggca aggtcaagat   60

cggaatcaac ggatttggaa gaattggccg tttggtagcc agagtggctc tgcagagaga   120

cgatgttgaa ctcgttgccg ttaacgaccc tttcatcacc accgattaca tgacatacat   180

gtttaaatac gacagtgttc atggacactg gaagcatcac gatgtcaccg ttaaggacga   240

gaagaccctt ctcttcggtg acaagcca   268

<210>   2186
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964627H1

<400>   2186

gaaaaaaagg tgaaatatag agtgaagaag aagaaataga gggtttttggt gtttgaatcg   60

tgaaaatgtt cagaaaccag tacgacacgg acgtgacgac atggagcccg gcggggaggc   120

tgttccaggt ggagtacgcg atggaggcgg tgaagcaggg ctcggcggcg atagggctcc   180

gatccaagac ccacgtggtc ctcgcatgcg tcaacaaggc taactccgaa ctctcatcgc   240

accagaagaa gatcttcaag gtcga   265

<210>   2187
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964636H1

<400>   2187

ggaacacccc ccacgaagca ccaattatgg ctctgaatct ttgtatctca cctaagttta   60

aatgggttcc ttccttagat agtgcttcct attctttgag accttcactt gggtcttgtt   120

ttggtaacat aaacattgct agtgtgagtc taagtactac tagaagtttg agtttgagga   180

ggagtgggag tgttagtgta agatctagtt tagaaactgc ggggcccaca gtcacagtgg   240

gacaggtcac tgaggttaac aagg   264

<210>   2188
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964638H1

<400>   2188

aacatagcat agagtgagaa gtgagaagag aaaaatggca atctccatac ccagtagaca   60

acttttcata gatggagagt ggaaagtccc tcttctcaac aatcggtttc cgatcatcaa   120

ccccgctact gaagacatca tagggcatat tccagccgct actaaggaag atgttgacct   180

tgcggtggat gctgctaaaa gagccttttc ccataacaaa ggcaaagatt ggtcttcagc   240

tcctggctct gttcgtgctc gctatct   267

<210>   2189
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964641H1

<400>   2189

aaaatgttgg agtcactacc cacaccactc gtgcagctga gagacatgtg aaaggctaat   60

tcagaagaat cttgggagaa ccacaccaca aaagctaact gatgtagttg gcgaacctaa   120

agcgttataa acctcgcatt agtgttccat actttcaatt gtaaccatta tccatttttt   180

aatccatgca agcatccatc gatactttgc tagaaaattt gtttgtactt tgcaaacaca   240

aaattcactg acagaactgc aagcaa   266

<210>   2190
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964642H1

<400>   2190

gcagaggcaa tggaggttca aagtctcagc tttgagaata acattttgtg ggttggctct   60

tttgtggagg ctttggtgct tgacactttc cttgccactg ccaaatctct tgcttgcttt   120

gtcatcttga ctggatctct ccttacggat gtcaataatt tagtgtcacc gatggtggat   180

ggaaggtttc ctttagacca actgtgcaag ggaaaacata cttttgaaga aaacaaggat   240

gctagtgata cagaggatga tga   263

<210>   2191
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964643H1

<400>   2191

tcggaacaag caaactagtc aatctgaagg ttatgggttt attgagttta atagtcgtgc   60

tggagctgag agaattctcc aaacatataa tggggctatt atgccgaatg gggggcagag   120

tttcaggttg aattgggcaa ctttttagtgc cggtgagagg tcgcgtcaag atgattctcc   180

tgattacacc atatttgttg gtgacttggc tgcagatgtt actgattatc ttcttcagga   240

gacattcagg gctcgttaca ac   262

<210>   2192
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964645H1

<400>   2192

ctttagccga ggtcaggagg agcactagct aagttcacaa tttcaaaatg gctaggggac   60

taaagaagca tttgaaaagg ctcaatgctc ctaagcattg gatgcttgac aaactgggtg   120

gtgcatttgc gcctaaaccc tcatctggac cacacaaatc gagggagtgc ctccccctca   180

ttcttattct gcgaaaccgg ctgaagtatg ctctgacata ccgtgaagtc attgctattc   240

tgatgcagcg ccatgttctt gt   262

<210>   2193
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964646H1

<400>   2193

ccgaagaggc tcagaaaaaa gggcaacttc gcaactcgtg aatcgattac tgtagaaatt   60

gtcgtcgatt ctatataaaa catattaggc actggctacc attttgaatt ctggttgagg   120

gattgaagtg tgattatagg tggaggagga tggcttgtag gggatgctgg gaatgccttt   180

tgaagctttt gaacttcata ttgactcttg ctggtctggc catggtgggc tacgggattt   240

atctgtttgt tgaatacaat aa   262

<210>   2194
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964647H1

<400>   2194

ctctgtttct gtctctgtgt ttgcggctga ggattccgaa cgagcgacct tcttcgtttc   60

tcgcaaagtt taagtcatca tgggtaagga aaagactcac atcaacattg tcgtcattgg   120

acatgtcgac tctgggaagt caactaccac tggtcatttg atctacaagc ttggaggtat   180

tgacaagcgt gtgattgaga ggttcgagaa ggaggctgct gagatgaaca agaggtcatt   240

caagtatgcc tgggtgcttg acaag   265

<210>   2195
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964662H1

<400>   2195

gaagcaatga atggtgttag acatcttctt gttcggaaat ctatcccaaa tggactagtt   60

tttgttggag aattgcctta tggatctaac agtggtttca gcccaaaaat ggatcacctg   120

795

gtgtgtttcc tacctggtac acttgcaatt ggtgccacta aaggccttac aaagaaacag   180

gcaatggaaa acaatatgct taactttgaa gacctagaaa atttgaagct agcagaagat   240

ctgactaaaa catgctttga aa   262

<210>   2196
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964671H1

<400>   2196

cacgagctag ccggaaaggg agaggaagac ttcgaagttg tgctaatatc cagcgaccgc   60

gaccaagcat cctttgactc ctactacagc accatgcctt ggttagcctt acctttcggt   120

gacccagaaa tcaagaacct cgttagacac tacaacgtgc aagggattcc ctggttggtg   180

atcataggcc ctgatggtaa aacaataacc gtacatggca ggagtttgat aaacttgtac   240

caagaaaatg cgtacccttt ca   262

<210>   2197
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964682H1

<400>   2197

gccaaatgct tcatggcaca ataggaaaat ccaaaaagaa tataattttt tgaggtttcg   60

gtggccaagt ttgaaccacc attacaaaag cattgaagga gggtgtacat gtaaaaaatg   120

taatataaaa tttgttgtga aagcgacctc tgaaaaatct tttgagtctg aacctcaagc   180

ttttgatcca aaaagcattt tggactctgt caagaattcc ttggatgctt tctacaggtt   240

ttccagacct cacacagtt   259

<210>   2198
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964689H1

796

<400>   2198

cttgtgttgt gtccctcttt taagctattt ccttctctta acacaattgg ttgtgccaat   60

tgccatagtc accaaccaat taacaaaggt atatatatca tcatatcatc accaaatgaa   120 .

aaatattggg ttgttttttc ttgtggtggt ggctactttt gtggtggcag ccacagctgg   180

tagcttttac caagactttg aaataacgtg gggtggtgag cgtgccaaaa tctatgagaa   240

tggaaacctt ctcaca   256

<210>   2199
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964692H1

<400>   2199

tagtactctc gttaattttt ttgctaattg ctaattgggc acaatggaaa agcttcatgc   60

tgtgtgcatc ccatacccag cacaaggcca cataaaccca atgctcaagc tagcaaaact   120

ccttcatgtt agaggcttcc acatcacctt tgttaacaca gaatacaacc acaaacgcct   180

tctcaaatca agaggttctg attccctcaa tagtgtccca tcatttcaat ttgaaaccat   240

ccctgatggt ctctct   256

<210>   2200
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964714H1

<400>   2200

ttccaccaaa attcaaaaat ctctcggcat ggggtgcgtg tcttcgaatt tgctgaacca   60

agacgaagac ttcagcaccc aacttggctc ctccgcactg ggccaccaca tcgtgtccct   120

cacctccacc acctacggcc tcctcaccct cgaccctcct tccacgcctc cttcccgctt   180

tacccttgga tctctcttcc cctccgaacc agaggtcatc aactcatggg agctcatgtc   240

cggcctcgac accgacagct tccg   264

<210>   2201

797

<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964720H1

<400>   2201

tgctgttcaa atacagtggt gcctcagctg ctctcactgt agacccttca ctacacttgt   60

caagagcttc tagcattgtg atgttgattg catatgttgt ctacattgtc tttcaactgt   120

ggacacacag ggagttattt gaagaagaag atgacggtaa agatggcgag gatggttcag   180

aagaacaagc tgtgattgga ttatggagtg gcattgcttg gttggttgga atgactgtat   240

tcattgctgt gttgtctgaa tatgt   265

<210>   2202
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964727H1

<400>   2202

ttcatttcta catccctggc tctgttccgt cgatgacgat ggcgtttagg gtgcgaaacc   60

ctgacctccg ctttctcatt cttctctctc tcttgtccat cacttccgcc aaggtcttct   120

tcgaggagcg tttcgatgac ggatggggaa tcgttgggt taaatcagat tggaaaaaag   180

atgagaacct ggctggggag tggaaccaca cctctggcca atggaatgga gacgctaacg   240

acaaaggtat tcaaaccagt   260

<210>   2203
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964734H1

<400>   2203

atttgtcaaa gagtagccat cgccccaacg atcccgtttc ccttcacttc tctacgcaaa   60

gccccttgtt ttgcatagag ctacttaaaa tgtcggaggg aaatgcggag agaggaaaga   120

gaattgccat tattggtgtc tcaaccttat tgttggtggc gatggttgtg gctgtcacag   180

ttggtgtcaa tgttagtgag aatggttcca acaatgagga cacaaaaatt gcttcttctg   240

taaaagccgt ccaaacccttt ttccat   266

<210>   2204
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964741H1

<400>   2204

atagaatcat atacacatat attaaactga acgaagttgt cctagaagag aagaaccaat   60

ggctgctggc gtgggtttcc gcagtcacaa atctttgtta ataattcttt tgggtttttct   120

tggcttgttc tcctttacag ttgaagcaga cacaaagaaa taccaatttg atattcaagt   180

aaagaatgtg agtagactat gtcatgcaaa acccattgta acagtaaatg ggaggttccc   240

agggtcaacg atttatgtg   259

<210>   2205
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964745H1

<400>   2205

atcgttcgca aatgcctcgc ccgcaacgaa cagcagtgtt ccttcgttga gcatcgcaac   60

tacaaaattg tatatcgtcg ctacgcctct ttgttttttcc tcgttggagt tgacgatgat   120

gagaatgagc tggctatttt ggaatttata catctcttgg ttgaaaccat ggatcgtcat   180

tttggcaatg tgtgcgagct agatattatg ttccatttag aaaaggcgca ttttatgttg   240

gaggaaatgg tcatgaa   257

<210>   2206
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964746H1

<400>   2206

799

```
gaatcctgtg ccctaaccca catcacactt atcgtcgtcc gttcaccgtc tttcttcgcc    60

ggcggctgag gcaccgcatc catctattaa tctcgagaga gcgaaagaaa aagagagaaa   120

aactggggaa gcgaaagaga ccgaaagcga aaggtagagt gagggagatg gagagttcgg   180

ggttaggtcc agtggattgc gacgttggat cgattgtttg ggttcgaaga aggaacggtt   240

cgtggtggcc gggtcaaat                                                 259


<210>      2207
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964747H1

<400>      2207

ggtagctgca agagatgaaa aaattggcct gcaacatttt gtgcccataa ggccgttggg    60

ttgtggagac actggcagtg ttcatttggt ggagctcaaa ggtacgggtg aactatatgc   120

aatgaaggca atggaaaagt ccgtaatgct aaatcgtaat aaggttcacc gatcatgcat   180

tgagagagag attatatcat tattggatca tccttttctt ccaacactat acacctcatt   240

tcagactcct acacatgtat g                                              261


<210>      2208
<211>      260
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964752H1

<400>      2208

gtaaaccctta acaataatgg agttgtggaa cgtggtgttt gtgtgttgtg ttttatgtta    60

cagtttttgt cacactgcgg aggctatcgt taagctacga ggcaatgaaa caataccagc   120

attgattttg ttcggggatt cgatagttga cacaggaagt aacaataacc taataacggg   180

gcttaagtgc aattttcctc cttatgggag ggatttcgag ggtgggatac caacaggaag   240

attcagcaat ggcaaggtcc                                                260


<210>      2209
<211>      256
<212>      DNA
```

800

<213>   Glycine max

<223>   Clone ID: 700964753H1

<400>   2209

tgaatttagc gatcctcggg atgctgatga tgctagatat agcttggatg gtcgtgatgt   60

tgaaggaagt cgtatcattg tggaatttgc caagggggggt cctcgtggtt cccgggaaaa   120

cttgggtcgg ggtctacctc ctggatctgg acgatgcttt aactgtggca ttgatggtca   180

ttgggcccga gattgcaaag ctggggattg gaagaacaag tgttaccgtt gtggggaaag   240

aggtcatata gaaaag   256

<210>   2210
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964754H1

<400>   2210

cgccaatatg accaccgacg acgtcgtcag agcttctcgt cttctcgaca cgagattcg   60

catcctgcaa agaagagttg cagaggacca atttggagtt ggaatcgtac aaggacaaga   120

tcaaggagaa tcaggagaag attaagctca ataagcagtt gccctacctc gttgggaaca   180

tcgttgagat attggaaatg aacccagaag acgaagctga agaagatggt gccatattga   240

tcttgactca caaaggaagg   260

<210>   2211
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964757H1

<400>   2211

ggttcagctg tgcctcaaat caggttgcgc aggttctgct aacactgcca tactctttct   60

ctcagctggg aatgctctct ggcatcatat tccaagtctt ctatggaata atgggaagtt   120

ggacagctta tctgattagc attctgtaca tcgagtacag gaccagaaaa gagaaagaga   180

gtgtcagctt caaaaaccat gtcattcagt ggtttgaagt gttggaaggt ttactgggtc   240

catactggaa agccat   256

<210>   2212
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964759H1

<400>   2212

ctcttcgctc ccactcccac aagcctagaa gacgtatacg caattcttag agtttttcag   60

attctcggaa tcgaagagaa gaataatcct gtgagcgagg acacttgtca gaaagtggtt   120

gaaaatctag cctcgtcttc tcctctcaag gatttgttct ataccttgtt aaggccattt   180

taaaatgcaa tgtcaatgga aacgttttca aggaaatgcc aactcttgtt gcagatggta   240

atgatgcact cactgg   256

<210>   2213
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964761H1

<400>   2213

caaaaacaaa cagcagttgc aacaacaagg cacatttcaa cgtttattta tttttgttga   60

aagaagagaa gcaacaaatc aatctcacac ttagtgttgt tacgatggaa tcaccgttca   120

aaccagagat tctgaagggg aaggttgctc taatcactgg tggagcctcc ggaatcggat   180

tcgaaatttc cacccaattc ggtaaacatg gagcctctgt tgcgctcatg ggtcgccgca   240

aacaagtcct tcagtc   256

<210>   2214
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964766H1

<400>   2214

gggcgccgac gtggttgaac aacagcaacg ccgccacgct ccgccagcag aatttcctcc   60

```
acctcgcagc cggaatccgc cgcgacggcg gggcagcaaa acgacgacgt tcgtgctatg   120

gatcggaacc ggaccgagag caactctgaa gcggacgatt tggcggaata caaagcagat   180

attttaggtc accctctcta cgaccagctc ctatcggcgc acgtctcgtg cttgagaatc   240

gccacgcccg ttgaccagct tc                                             262


<210>      2215
<211>      259
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964768H1

<400>      2215

ctctctagct tggacgagtg aattagattc atcatcaaga tgtcgtctct gatagcagaa    60

gatgtgaaga gcagatcaga ggtgtaccac ggggacgaaa tgtgccaagt gaagtccaag   120

gagcttctca aggaaatcgc cctccccaac ggccttcttc ccctcaagga catggaggag   180

tgcggctacg acagacaaac cggcttcgtc tggctcaaac aaaagaagag ttacacccac   240

aagttcgaca agatcggaa                                                259


<210>      2216
<211>      254
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964775H1

<400>      2216

atcatagcgt agaccttttg ttctaaaacc acacctcatt ccatttccat cttctgccac    60

ctgtttctaa ctccccaacc caagaaattt ccttttaccc ctttcccctc tcctcttttc   120

ttattcatca aaattcctct ttggtgtcct ctccctcggt caactccgtt tactataaat   180

atgaccactc ttttcttcct cttcttcaac ttcaatactc acctttgaat ggattctaat   240

tcttcttctc caag                                                     254


<210>      2217
<211>      255
<212>      DNA
<213>      Glycine max
```

<223>   Clone ID: 700964776H1

<400>   2217

catatacatt ttttagcctt ttgttagccc caaacaccca cacgggcaca cccctgcagg   60

tacaaaaggg ggagttcaca acaaaaagaa aacaatgaga aaaccttgtt gtgacaagga   120

aaacatcaat aaaggtgctt ggtccaagca agaagaccaa aagctcattg actacatcca   180

agtccatggt gaaggctgtt ggcgttccat tcctaaagct gctgggctgc atcgttgtgg   240

caaaagctgt aggat   255

<210>   2218
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964778H1

<400>   2218

atttatttat tttaattatt atcatctcat ctcacccaat tcaattcacg taccttggaa   60

tcgattctta gggtttctga ctcctttatg tgtttgtctc gcaattgatc atcgcaacca   120

caatgtccgg tcccctcgat cgttttgcca gaccttgctt tgaggggttt cgggcagtg   180

acgagaagaa ggagaggaga tctgacttcg agaactccga ggatgaaagg aggaccagaa   240

ttggatctct caaa   254

<210>   2219
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964780H1

<400>   2219

ccgaaagtaa cggagggatt tccttaaccc acaaactctc aaataccctc tctctctcac   60

cgaccactat gttgcagaga cctagacgcc gctgcgaggg cactgccatg ggcgccatcg   120

ttctcgatct ccgtcccggt ctcggaattg dacccttctc cctcgggatg cctatatgtg   180

aagcatttgc tcagatagag cagcaaccta acatatacga tgtggtgcat gtcaagtatt   240

ttgatgagga acccctgaag   260

<210> 2220
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700964784H1

<400> 2220

atgaatttga aggctacaga gttgaggctt ggtcttcccg gattccaatc gcctgaaagg   60

gaaccggatc ttttctcttt aagctcacca aagcttgatg agaagccact cttccctttg   120

cttcctacta aagacgggat ttgctcgtcg gggcagaaag ctgttgtttc tggcaacaaa   180

agaggttttg ctgataccat ggatgggttt tctcagggga agtttgctgg taatacaggg   240

atgaacgcgg tgctat   256

<210> 2221
<211> 222
<212> DNA
<213> Glycine max

<223> Clone ID: 700964788H1

<400> 2221

ccagagggca tcctgctaat ctgtatgatg tcagaatttg ttataatact agctagtact   60

ggtattttag catgttcctg caaaacagcg acagagattg caaaattggt aattacaagt   120

ccaagccaat tagtattcaa aagagtttgg tatactcatt ctaactaaa acatgattgt   180

ccttttaaag acagagagat tagtcatatt acatattacg tt   222

<210> 2222
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700964791H1

<400> 2222

gttagaagtt ctctgacaaa tcactcaggc cacattattt gtatgttatc ttgtgtcagt   60

ttgcagtatc ttgtcacaca ttcttgaaat tgcctgattt catttatatc atccgttatg   120

cagcctgctc gcgagacgga tctgagagtg ttcggagttg tgctctacta ttctctcttt   180

atcataacat ttttggttta accaatgtta cttccaatat aagtgcagct gtgggtgctg   240

ttgtaatgct g   251

<210>   2223
<211>   246
<212>   DNA
<213>.   Glycine max

<223>   `unsure at all n locations
<223>   Clone ID: 700964889H1

<400>   2223

agctctnttc accctnttnt tnttnttntt cttcttcact ttgtaacttt cgaatcttct   60

tcnttncacc gcaatggcca ccnccacgct tagccccgcc gacgccgaca agctctccaa   120

cctcaaatcc tccgtcgctg cattgagcca aatcagtgan aatganaana atggattcac   180

aagcctcgtt gctcgttacc tcagtggcga anaccagcat gttgagtgga ggtgttgaag   240

ctcaat   246

<210>   2224
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964905H1

<400>   2224

caagaattga gcacacttga tgaagccaaa ctgaaggaga aaggaagagc cttccatgat   60

atgttcttga ccaagttgtc attgttgctt aaagggacag ttgttgcacc tcctgataag   120

tttggtgaaa cactgcaaga cgaacgaatt aatggaggtg catttattgg tgctgatggt   180

gttcagttcc ctcacaagct aatacctaat gcagggatgc gtctttatgg tggtgcacaa   240

tatcatcggg caatggctga atttcgt   267

<210>   2225
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964907H1

<400>   2225

806

cgatgtagtg tcggagcaga catcggatag aagttttggg atgagaaact tcaagtacgt   60

aaacactatc aaagcagcgg ttgagaaaga atgccccttc acagtgtcat gcgctgacat   120

tgttgctctt tctgccagag atgccattgc tttgttggga ggaccaagca ttgaaatgaa   180

gacagggaga aaggacagca aagaaagcta tgcaatggag gtggaagact tgattccaaa   240

ccacaatgat tccatgtcct cagtgctg   268

<210>   2226
<211>   272
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964911H1

<400>   2226

gccgctcgca agcaaaaaga aagaatccca ggcgaggaga aagatggagg ggaaggagca   60

ggatgtgtcg ttgggagcga acaagttccc cgagagacag ccgattggga cggcggcgca   120

gagccaagac gacggcaagg actaccagga gccggcgccg gcgccgctgg ttgacccgac   180

ggagtttacg tcatggtcgt tttacagagc agggatagca gagtttgtgg ccacttttct   240

gtttctctac atcaccgtct taaccgttat gg   272

<210>   2227
<211>   276
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964913H1

<400>   2227

aaacgcggct cgccattctc atttctctct ccagaagata aaaaaccctt ttatattttt   60

atattttat cactagaaaa atcaaacaaa taaaattttc attttcattt tcttttcttt   120

tctcgctctt gtttttcgg ggaaattgat ttcaccgtaa taggagccaa gaaaaacaaa   180

acagaaaaat tccgaacccg tgaactcttt tacctgctac aaatgcattt ctctctcttt   240

tctcacactt tttctctgct aaactcgcaa acacga   276

<210>   2228
<211>   269

807

<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964918H1

<400>   2228

cagactttat catcaccagc accttccaag agattgctgg aagcaaggac actgttggac   60

agtatgagag tcacactgcc ttcacccttc caggacttta ccgtgttgtt cacggtattg   120

atccatttga tccaaagttc aacattgtct ctcccggtgc agacatgggt atatacttcc   180

catacactga aactgagcgt aggttaacag aattccactc tgacattgaa ncgcttcttt   240

acagctcagt ggagaatgag gaacacata   269

<210>   2229
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964919H1

<400>   2229

tgggaagggg aagagtggag ttgaagagga ttgagaacaa gatcaacagg caagtgacct   60

ttgcaaaacg aaggaacggg cttttgaaga aagcttatga gctttccgtt ctgtgtgatg   120

ccgaggttgc tctcatcatc ttctccaata gaggaaagca gtacgagttt tgcagcggtt   180

caagcatgct caaaacgctg gagaggtacc agaaatgcaa ctatggagcg cctgaggac   239

<210>   2230
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964920H1

<400>   2230

tttggaactt gtgctcatca caatggcatt gagtggttgg ttttgtgagg caaattgcag   60

tggagggagt tttctacaag aacctgtcac ggggttggtt acaatgaagt ttcctgatga   120

tttacggtag caaatcaaac ccccggatgc cgcaactggc acgcaatctt ggttagattc   180

ttcttgcaga agaggggggt gatttagcct cttccaagtg ctttcagcag agtcaaggat   240

808

aacagattgg ttaaggttgg gagcaa   266

<210>   2231
<211>   270
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964927H1

<400>   2231

agggtttctc tgtctgcttc ttcactttct ctcgtttcaa tcgaaaccaa aacaaaaaca   60

tgggcagaaa attcttcgtc ggtggcaact ggaaatgcaa tgggaccact gaggaggtaa   120

agaagattgt tactactttg aatgaggcta aagtccctgg agaagatgtc gtagaagttg   180

ttgtgagccc tccttttgtg ttccttcctg ttgtaaaaag tttgctgcgc cctgatttcc   240

atgtttcggc acaaaactgt tgggttcgca   270

<210>   2232
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964950H1

<400>   2232

gttgcttgca ggtccttatc atggaggtgt atggaaagta agagttgagc tgccagatgc   60

ttatccttat aaatctcctt ccataggctt tatcaataag atctatcacc caaatgttga   120

tgagatgtaa aaatattgta ttttttaata ttgctgcgaa actctatact ttgagtagtt   180

tgccttgtgt taattttaag tattgtgtgc gatcatattg gattataata atttcaggtc   240

aggatcagtt tgtcttgatg tta   263

<210>   2233
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964957H1

<400>   2233

gacatctcga gtgtgaagtt tgtatgacta aacatttgca ggtggtccga taacggccca   60

809

```
ataattggtg gctcgatagg cccaacaaca attgctaaga taggtattga ttatgaaaat  120

ggtggaacat cctaatatag tcaatctcat tgaggtgatt gatgatccag agtcggatga  180

cttctacatg gtacttgaat atgtggaaag caaatgggtg tgcgagggta caggtcatcc  240

ttgtgcatta ggtgaagaga ctg                                          263


<210>     2234
<211>     259
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700964972H1

<400>     2234

caaaaatgag tgacaaaaac aacatggtta tagcctccaa aacagccact ggtagttctt   60

catcatcttc aagaatgtcc acaaaaacat tctcgggact cggaaacctc gtcaagctcc  120

ttcccaccgg cactgtcttt ctgttccagt tcctcatccc tgtcgtaacc aacagcggac  180

actgcaccac tcttcacaag tacctcactg gctctttcct tgtcgtatgc gcattcaact  240

gcgccttcgc ctccttcac                                               259


<210>     2235
<211>     262
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700964975H1

<400>     2235

atttcatttt ctttacttct ttaatggccc aggatttctc caaagctgtt gatgacggcc   60

tcaagctctc caaacgcata tacttcggga aggacagggc ggtggcacct cctaaacctc  120

cgccgccgat gacgcgctcc gccaccgcgt ttctcccctc ggcgccgatg gtctacgcgg  180

tgatctccga tccagggatc gtggacaacc ccgacatccc gagctaccaa ccgcacgtgt  240

acggaaggtg tgatcctcca gc                                           262


<210>     2236
<211>     256
<212>     DNA
<213>     Glycine max
```

<223>   Clone ID: 700964986H1

<400>   2236

gtcgctccgc accagtttca ccgcacgaat atcttgttgt ttggagcgat ccgagaaaaa   60

ctctgtaaac atgttggttt accaggacct ccttacaggt gatgagcttc tctctgactc   120

cttccgttac aaggaaattg agaatggaat gctgtgggaa gttgagggga agtgggttgt   180

taaaggagca gttgatgtag acattggtgc aaacccttct gctgagggtg gaggagaaga   240

tgagggagtt gatgat   256

<210>   2237
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964993H1

<400>   2237

gttaagaaga gtctttggtg gagggaagaa gggttgaagc accttgcact gcaaaagaaa   60

aaaacaagaa gaaaaacaca gcaatggagg gtgggaacaa cagcagcatc aacagcaacc   120

ctgaggagtt ggcggtgggg tgcttgcttt cgatcaggac aacgttgggc gacgaattcg   180

aaggccaggt cgtgaccttc gatcgcccct ccaacatcct cgtactccag gagccttcca   240

aacctagccc tcgtcgaaac cttag   265

<210>   2238
<211>   202
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965007H1

<400>   2238

ttctaatctc aagttgctgc aaaattatcc caccacaaac attagtcatt tgctctatgt   60

tgccaacaag tttcgtgtac agtcagtcta atgttgcatt ttgctcttct atctctagtt   120

tctcttcaaa ttcaatgcct gtaaatgact tttaagtgtg agactcacag caatgccggt   180

ttatttattt gttttttactt at   202

<210> .   2239

<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965022H1

<400>   2239

tttcaatcaa agcaaatata caataatacg atggtcgagt ttggaacgag aatgggatcc   60

atatggacgg tgttgttttg ttttgcatcg gttttcgcga tcgtttctgc agaacgaagc   120

attgtgaaaa tggaagtgcc gagattcaat gtcaccagcc gagagcctca acagagtttc   180

ctcaccaaag ctttgaattt cttatggcaa tctggagaat cagggtacca acacgtgtgg   240

ccgg   244

<210>   2240
<211>   110
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965033H1

<400>   2240

gcctaacatt aaactaagca acgctcggtt ctattttctc tttcaccata tccattgtcc   60

cttaagtcta gggcagagtt tctacaatgc cttagacaca caatttcgcc   110

<210>   2241
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965039H1

<400>   2241

ctgacctatc ttggaagagt tttgaagttt aaaccttcaa acccttttgc ctttagattc   60

tgattctgag tctctgctgc tatatatggc gccacgcgta tttcttgtgt tggggatgtt   120

gcgatggtgt gccttgttaa ggtttcgtct gatccaaaga gagaagaaga aatactggaa   180

gaagaactac attttcccga taacgagcca cttattgtga gagacgggaa cagaaggcta   240

<210>   2242
<211>   240
<212>   DNA

812

<213> Glycine max

<223> Clone ID: 700965040H1

<400> 2242

ggttcaggtc ctttattcgg attcacgaaa gcgaacgagc tatttgtggg aagattggct   60

cccttttccag taataatttc tccaatcaat cttgtataca ctcttgttta tcatatgatg   120

gacctcctat agagtattat gagattgttg aggaagaggc tgagattgag gaagagcgga   180

cactgaatga tatcagtaga ccactccttg tagaagctga gtggcctgac attgagcaga   240

<210> 2243
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700965041H1

<400> 2243

ggccattaag gtgggaggag ccaaccacag ccatgccact caagaccttc atgattcaat   60

tgctgctggt aactatcctg agtggaaact gttcgttcag acaatagatc ctgagcatga   120

agcaaatttg actttgaccc tcttgatgtt actaagactt ggcctgagga cattataccc   180

ttgcagcctg ttggtcgctt ggtcctgaat aaaaacatag ataatttctt tgctgagaa   239

<210> 2244
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700965052H1

<400> 2244

tgcactacct ggcgacgaag aaacgccact tgtgggcgat atttcgggcc ttgaagggcg   60

caagagccac cacaccaggg atgttcatat cctgagcttg gcctttctct tggtctttct   120

cgcttcggtg ccgctcagaa tttgcagagc actctcaaca ctgaggatga cttgggtacc   180

acctcacttg ggatcctgta tttgtctttc acattcttct ccgtggttgc ttctttggtg   240

<210> 2245
<211> 237
<212> DNA

813

<213>   Glycine max

<223>   Clone ID: 700965074H1

<400>   2245

tgctactgct ccttggtttt ttagttgttg tgttgttgtc ttcaactcca cacagttccc   60

tcacttctct tccctttgac cattcaacct tcctcgcctt tgcctccgtt tccgtgactg   120

gatggctgga ggtgttattc agcagatatt gaggaggaaa ctccaccctc ggtttactaa   180

ctctcccttg ttgtcaccca tcgtagcaaa aaaagatgat gctggctcta ctggcag   237

<210>   2246
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965075H1

<400>   2246

cgggactttc actagccgca gcagcctcag gaggagaata aggatgtctc acaggaagtt   60

cgagcaccca aggcacgggt cactgggatt tctccccagg aagcgtgctg ctcgtcacag   120

ggaaaagtga aggcattccc caaggatgac ccatccaagg cacccaagct cactgcattc   180

ttgggttaca aggctggtat gactcacatt gttagagagg tcgagaagcc aggatcaa   238

<210>   2247
<211>   237
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965090H1

<400>   2247

cagtttttgt agatgatgat gaggatcttc gtaagtcctt agagaaagcg agaagattag   60

ctcttaaaaa gaaggagggg gaaggggcat ctggtcctca agctattgcg ttgcttgcca   120

ctctaatcat aataatgaga ctgatgatca aaaccctaca gctggagagt cacgagaaaa   180

caaggtggtc ttcacagaga tggaagaatt tgtctggggt ctccacattg atgaaga   237

<210>   2248
<211>   266
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700965103H1

<400>   2248

gtgaggttaa aacaatgggt gtggagaagt tgagcttatt atcgacgacg aacctcgccg   60

tgttagctca agcgaacaac aaatgcagta gcaggaagca cgtgtgttgg agatcatcca   120

cgacgccgtt tcatctgcag cggaagccga tctcatggtc tgtgttgtgc ggtttcatgc   180

tatttgggtt gggcctcatt tctctcttga cgggccacat ggtctctgat ctcgaatggt   240

actctcaccg tcgctctctc tactct   266

<210>   2249
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965106H1

<400>   2249

ctcttttgca ttctctctga attcgtatgc catggagtca cccggtaacg agcatgtggt   60

gggtggcgca gaacccaacg acgtcgttac gcccttttcc cacagagaag aacctcacaa   120

ttcccaaccc ctcaccggcg acggtgccag tcccggaaag atatttatag gtggtttagc   180

gagagaaacg accattgccc aatttatcaa gcactttggt aagtatggtg agatcacgga   240

ttcagttatc atgaaggaca gga   263

<210>   2250
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965115H1

<400>   2250

gcatgctgta tgtggagaca gctgatcggc ctggattact ggttgatctt gtaaagatta   60

ttactgacat taacattgct gttgaatcag gagaatttga cactgagggg ctcttggcta   120

aggcaaagtt tcatgtcagc tacaacggta aagcaatcag caagcctctc cagcaggttc   180

ttgctaacag cttgagatat ttcttgaggc gtccgacaac tgaggaatct agttttttgag   240

815

tggcacttca tggaaagtag tgca   264

tttacctaac cctacaattc gccgatcctt ccagttgggg tttttcgctt tcagcgaaga   60

gcggtgtata tagaaaccct attcccccta tgcaccaggg gaattgaata tagaaataag   120

aaaaaggcaa aaaaaaaaga ggttgaaaaa gttgtatgtt aaataggtaa ttctgttgtt   180

tttcgtgttt ctggactcag gagctgagct gtttccaggg aaaagcatgt acagtatgaa   240

ctctaaatgc agtgctgggg attgc   265

gctgagaggg ttgttgtttc tacaaagagc ccaagatcag ataagcaata tgtgtgggaa   60

gcagaagctg acagtagctc ttatgtgata aagaagaaa ctgatcctga aaaggttctg   120

cgtcgtggta cacagattac actctattta agagaggatg acaagtatga attctcagag   180

ccaagcagga ttcagggttt ggtgaagaat tactcacagt ttgtttcctt ccccatctac   240

acatggcaag aaaagtcaag aactg   265

agctgaatga gagaattgct aaattgtctg gtggtgtggc tgtgatacag gttggcgcac   60

aaactgagac agagctcaag gaaaagaaat tgagagttga agacgctctt aatgctacaa   120

aggcagctgt agaggaaggt attgttgttg gtggtggttg cactcttctg agacttgcat   180

caaaggtgga tgcaatcaag gatagccttg ataatgatga agaaaaagtt ggagctgata   240

ttgtgaaaag agctcttagt taccc   265

<210>   2254
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965134H1

<400>   2254

caaatcttaa aaatattcag tgaagatcaa cctcaatggc atctcttggc gtgcgaccag   60

ttcttccccc tccattaact tccatctccg acccacctcc tcttttcgat ggcaccacca   120

ggttgtacat cagttattct tgcccctatg cacaacgtgt gtggatcgct aggaactaca   180

aggggctaca agataagatc aatttggtcc ctattaacct tcaagacagg ccagcttggt   240

ataaggagaa agtctaccct gaaaata   267

<210>   2255
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965138H1

<400>   2255

ggacaacgcc aatgataaca agcaaaacat agatgagaaa gatgaagatc ttgacggcaa   60

gaaatgcagt tctaattatg aagcgatgca gaaaaacctg ctatttgtag aaaataacga   120

gggactgtta accatagggc ttggacaagg aaagcttaag actcatcgaa caggttttaa   180

accctacaaa agatgttcca tggaggccaa ggaaaatagg gttggagcaa gcagcaatca   240

aggtgaagag caaggttgta a   261

<210>   2256
<211>   261
<212>   DNA
<213>   Glycine max

817

<400> 2256

```
cctagccagt agtagccaat ttgttggagc tggttgggaa tggcgtcgaa accgaaatca    60

aatggaaatt ccaaatgcaa caaaggattc gctgacagct atatgctgtt gaatcctgaa   120

gacgctcatt tcttcgatct tgttcatgtg ctgtattccc gtaacttggg aaaccgaaaa   180

tttgtggaca gcaatgctga gggatcttat gagggaagct ccgccaaag atggcttata    240

ttcgtctctg tggtgctcca g                                            261
```

<210> 2257
<211> 259
<212> DNA
<213> Glycine max

<400> 2257

```
gcggcagagg aggcgagggc ggatgccgct gaattgagga aggttttggg agagacagag    60

tctagggttg agtctctgga aagggaattg gcagggttga agaaggtgaa ggctgagagt   120

gaggttaggg ttagggattt ggagaggaag attggagttc tggagactaa ggaaattgag   180

gaaagaaaca agagaattag gtttgaggag gagactaggg ataagattga tgaaaaggag   240

agggaaatta agggttaca                                                259
```

<210> 2258
<211> 263
<212> DNA
<213> Glycine max

<400> 2258

```
tttcgctcac acaacacaac tcctaccaac aaggtgctct gctcgttcac tcctctctca    60

tacagcctct ggctcctcct ccggtgaaag agggtgagaa gaggagttag caagcaattt   120

ttgtttcttt tgggagttgg gacccctcac tcacatggac gcatcaacgg ctttaatgat   180

cctatccgca atagcggcct atttaatatg gttcaccttc gtcactcgct ccctaaaagg   240

tccacgtgtc tggcccctat tcg                                          263
```

<210> 2259
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700965147H1

<400> 2259

ggaaaccgaa atgggcgagg ttgggggaaa aaaaattggc gactaccctc gccaaatcct   60

tagattttgc ctcaccctcc tcggcttctt cgccttctaa gtttccagtg tctcctatga   120

agagttgttc ttcctctcct tgcctgaatt ccattaaaat gctacctcca aaccctgaat   180

ctttgctcct caaaaaaggg gtggataaaa aggcttcctc atcatcctca cccgtgaaat   240

ttgcaagttc cgtcagttca ccca   264

<210> 2260
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700965148H1

<400> 2260

ccgatcagaa acatcgccgt cggaaggcct gaagaggcga ctcaccccga cacgttgaag   60

gcggctttgg ctgagttcat ctcaaccttc atcttcgtgt tcgccggctc aggctccggc   120

atcgcctaca caagctcac cgacaacggc gctgccaccc ctgccggcct catctccgcc   180

tccatcgccc atgcattcgc cctcttcgtc gccgtctccg tcggcgccaa catctccggc   240

ggccacgtca accccgccgt cacctt   266

<210> 2261
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700965149H1

<400> 2261

cgaccttgag gatttatttta attacaaaga tctggacgag gaatttctga gccgtgttac   60

tgataacact cggaggtata ttgggatttt ttccaatgca attgatgaac tcatgccgga   120

819

gcccactgag gacttcacag atgatgatca tgacatattg atgactcaga gatctgatga   180

aggagtagaa ggcaccgacg gttccgatcc acgtcagaag atgcctcctg aaatcaagcg   240

ttactatgaa ctttatatta aagcatctt   269

<210>   2262
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965162H1

<400>   2262

aagaaactta atcgatcatc acttcacttc actaatacat catggcagac gagacccaga   60

acaagtatga gagctctgag gttgaggtcc aggatcgtgg tgttttgac tttctcggta   120

agaaaaagga tgaagaagac aagcctcatc ctcaggagga ggtcatcgcc accgagtttc   180

aaaaagtcac tgtctcagac caaggagaga acaagcacag cctcttagaa aagcttcacc   240

gatctgacag cagctctagc tctt   264

<210>   2263
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965163H1

<400>   2263

ggaagcaaag aaaatcccag aagtgatact aaactcaggg aaaaagatgc cagtgatagg   60

cctaggaacc gcatcaattc ctcttccatc acatgaagct ctcacctcca tccttattga   120

tgcctttgag gttggctaca gacactttga tactgcttct ctgtatgaaa gtgaggagtc   180

tctaggcaaa gctgtggcaa aggccttaga gctaggcctc ataaatagca gagaggaatt   240

attcatcaca tcaaaactat ggtcc   265

<210>   2264
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965174H1

820

<400>   2264

gctggctgct gctgtttttgt tcatgatgaa ggaagaacta gttaggggggg ttcgtttctt   60

gcttgccaat gatgctgtaa agccaaagca tccgtgattg aagaggccac actagcttga   120

tcaagatttc atgatgtacc atcttgaggt agcaaattag ttcaaatggt aggggaatta   180

gagtgattca aacaaaatat taagatatat ggctgtaact gtatctttga ttattttcat   240

caggttagtt tccatag   257

<210>   2265
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965176H1

<400>   2265

ctagagtaat tgcggaatca gctagaattt tctaataatg gccaaagacg ttgagcaggt   60

tacagagcaa ggtgaatact ccgcgaagga ttaccatgac ccacctccgg cgccgttgat   120

cgacccagat gagctcacta agtggtcctt gtacagagcc gccatagctg agttcatagc   180

aacactcctt ttcctttaca tcaccgtgtt gaccattatt ggctacaaga gacagagtga   240

caccaaaatc cccggtaac   259

<210>   2266
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965182H1

<400>   2266

agagtggtga gattttgaga tccatttgaa gttgataatg agccaaagag tattagtagt   60

cctgctgctt gttttgaatt atgtgttggt tgcagaagga gaaacagctg atggagattt   120

gaccacattt ttgtctctta taaatacctg ggagaacacc cctcctaatt gggtgggttc   180

agatccttgt gatgattggg ttggaatcaa gtgcaagaat tcacacatta catcaataac   240

attatcaagc accggtttgg ctg   263

<210>   2267

821

<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965191H1

<400>   2267

cttatcttag ctaccccatc acaacaacca cgatactatt tctcatactc tattaggcaa   60

aaacaccacc aaatgggaga ggaaaaggag cagcctaaga atgacaccga gaaaaagccc   120

gaggaggtag cccccaagaa agacgacgga cccatccctg tcgtttacaa actcgacttg   180

cattgcgagg gatgcgtcaa gaagatcaaa cgcacctgtc gccacttcga aggtgtggaa   240

accgttaagg cggatctat   259

<210>   2268
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965209H1

<400>   2268

caagattctc acaaacaact cttgagaaag aaagaatggc tgccaacaca ttgatgagtt   60

ctgccatctc agccttccca tctctccttt cctcctcaaa atccagattt gccgcagcag   120

ttcctctttc agctttgttg tcaccaatgc ctcttcttct cgcttttcca tgagtgctga   180

ctggatgcct ggccagccta gacccccta ccttgatggt tcagcacctg gtgactttgg   240

attcgaccct c   251

<210>   2269
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965210H1

<400>   2269

ggctgcagat atccaaacct taaattcggt cctcgaatct ttctgatcat tggttgtttt   60

ttattctttc aaatacattc caaaatctct tggaaattgc gagattcact gcttatccta   120

gcagcagatt tgggttctga cccaattatt cattttcccc aactgggtct tgtggatttt   180

ttgttggggt tttaaatttc gtgttgctgg gtttgaaagt tatttccttt cttccccgtc   240

tggattca   248

<210>   2270
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965249H1

<400>   2270

caactactac aagtacttcc ttacaatcaa aaccaacaac aactatggca agttatcaaa   60

agcactacga tgatcagggt cgcaaggttg acgagtatgg caacgttgag aagcaaaccg   120

acgaatacgg caaccctgtt catgctgcta gtgtcaccta tgtagccacc agaactgctg   180

ctggtggtta cagtgatgac attaataagc aacatgatac caccaatgcc tacggcgtag   240

acactggta   249

<210>   2271
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965251H1

<400>   2271

aaaatggcca aatcaatcaa attctttgag ttgaacacag gggccaagat tccttctctt   60

gggttaggga cttggcaagc tgaacctggt gttgtagctg aagctctcac cacagccatt   120

cagttggata caggcatatt gactgtgcta gtgcgtataa gaatcaagca gagattggtt   180

ctgctcttaa gaagcttttt gatgatggtg tggtgaagcg tgaggactta tggatcactt   240

cca   243

<210>   2272
<211>   98
<212>   DNA
<213>   Glycine max

<223>.   unsure at all n locations
<223>   Clone ID: 700965266H1

<400>   2272

```
gagccgatct acacttgatt tggattccaa tctggctagg acccattcat caagtaatca    60

ttcacacaat tcctanncta ntgnncnacc atnatnnc                            98


<210>      2273
<211>      243
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965273H1

<400>      2273

gtcgcctgca ggaagagggt gtgaatatca cagccaactc ggtccatcca ggagtgataa    60

tgactcctct tatgagacac tcatcttacc ttatgcattt cttaaaggtc ttcacctttt   120

acatatggaa gaacgtcccc cagggagcag ccacgacatg ctatgttgct ctccacccaa   180

gcgtgaaagg tgtaactggg aagtactttg tggattgcaa tcaatgcaaa ccaagttcac   240

acg                                                                 243


<210>      2274
<211>      240
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965275H1

<400>      2274

ctccatcatc caaatatagt tagaattcac gaggttattg gcacaaaaac gaagatatac    60

attgtgatgg aatatgtttc aggaggacag ctattagaca agatatccta tggagagaag   120

tgaatgcatg tgaggcaaga aaactattcc agcaacttat tgatgccctg aaatactgcc   180

ataacaaagg ggtttatcat cgagatctca agccagaaaa cttgcttctt gacagcaagg   240


<210>      2275
<211>      241
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965277H1

<400>      2275

attattttca ggctagaata ttccattatg gctccatcag cttgattgat gagccatgca    60
```

824

agttcagctc accttgctgc tatgagcatt gccaaaaact ctggttgcat tctatcatat 120

gtccaaattt gagattggct ctatggcctt ctgcagacgc cgctcggaaa ggcataatgg 180

atatatggga tcaagctgat gtcataaaga taagtgagga tgagattaca tttttgactg 240

g   241

<210>   2276
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965279H1

<400>   2276

atttgaagtt ctgttggtga gtgtgagtga gtgtatcaat cggccacaca gaaatgggca 60

gtgcttctct gattccagtt tcctggttgc cttggcggcc actttctcct ttcaagggaa 120

cgtgaaaacc ttggtcgcaa aaccatggct gaagaagatt cagcaagcaa gacccctcat 180

ttccgtggtt aacaaggctg cctctctatc ttcccccgtg acagcaccca gcgtcggcgt 240

tcgg   244

<210>   2277
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965282H1

<400>   2277

cgtgactaga cactcatctc actcgcgcca tcttagggtt tctccttttg tttcgcaaca 60

tggttgccgc taagaaaact aagaagaccc atgagagcat caacaacagg ctcgctcttg 120

tcatgaagag tggcaaattc accctcggtt acaagaccgt tctcaaatct cttaggaact 180

ccaaaggaaa attgattatc attgctaaca actgcccccc tttgagaaag tcagagattg 240

aat   243

<210>   2278
<211>   235
<212>   DNA
<213>   Glycine max

825

<223>   Clone ID: 700953892H1

<400>   2278

cccaaagacc cactaatagt aacaattatg ctccaaagac caattcctct caaattggtc   60

atcataagaa caataccacc aacagcaaca tcccagtgat tgacatgaag cacatctacg   120

gtggtgacga gggaaagagg gctgagacgc tccggctcgt gtcggaggcg tgccaagaat   180

ggggtttttt ccaggtggtg aaccatggag tgagccatga gttgatgaag ggggc   235

<210>   2279
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959272H1

<400>   2279

attaggcttt cacaacacct cagcgtcact gtaccagttg gaaatggaga caataacaga   60

gaacggatca gatggtgtga gtttggcaag aaatacatcc aacaacgccc gtcgagggtt   120

gccaatgatc caaacaaaca tgaagccaac ggattcggaa ttccaagtgt gccacgacga   180

cagcaccccg ccggtcagag cccaaaccat tcacgagctc cattctctgc agaagaaaaa   240

gtcaaccccct tccac   255

<210>   2280
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961793H1

<400>   2280

tgcattaggc tttcacaaca cctcagcgtc actgtaccag ttggaaatgg agacaataac   60

agagaacgga tcagatggtg tgagtttggc aagaaataca tccaacaacg cccgtcgagg   120

gttgccaatg atccaaacaa acatgaagcc aacggattcg gaattccaag tgtgccacga   180

cgacagcacc ccgccggtca tagcccatac cattcacgag ctccattctc tg   232

<210>   2281
<211>   243

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961324H1

<400>   2281

ggaaagacat ttacaaatga agtaattgag gctgtgactt ctatcaatga aaaacctctt   60

gttttggccc tctccaatcc aacttcacag tctgagtgta cagctgaaga ggcttacgaa   120

tggagtgagg gtcgtgcgat tttcgctagt ggaagtccat ttgatcctgt agaatacaag   180

ggcaaagtgt actattctgg ccaggccaac aatgcataca tcttccccgg ctttggtctt   240

ggg   243

<210>   2282
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700905407H1

<400>   2282

tgagaaatta ctaaatgatg agttttacat tgggcttaga caaaagaggg caactgggca   60

ggaatattct gaacttttgc acgagttcat gactgctgtc aagcaaaact acggagaaaa   120

agttcttgtt cagtttgaag attttgcaaa ccacaatgct tttgagttgc ttgcaaaata   180

tggcacaact catcttgttt tcaacgatga tattcagggg actgcatctg ttgt   234

<210>   2283
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956234H1

<400>   2283

ccttcagctt gtttgcctat taccattgat gtgggtacaa acaatgagaa gctgctgaat   60

gatgaattat acattgggct aaagcaaaga cgagcaactg gcaggaata tgctgaactt   120

atgcacgaat ttatgacagc agtcaagcat actctatggg gataaagttc taattcagtt   180

tgacgacttt gcagaccact atgcttttga tctgcttgac gtatatagat ctacacatct   240

ggtctttaat gatga   255

827

<210> 2284
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700965158H1

<400> 2284

cactcttctt caatcaagcg aaggtggtct cgattgcaag tgatccacga tacactctac   60

gcttcacaaa accttcaaac ccaattccac agaattcttc tgcttcacca tgccaccaaa   120

gcctttagac tatgggtcaa taaatgaaaa cgtgaagaag agtcaatatg ctgtcagagg   180

tgaattatac cttcgagctt ctgaacttca gaaagagggc aaaaagatta tctttactaa   240

tgttggcaac ccgcatgcat t   261

<210> 2285
<211> 227
<212> DNA
<213> Glycine max

<223> Clone ID: 700961520H1

<400> 2285

ggcagattgt ggatcagatt cctgggagag caactggtgc ctatagccat agtcagggtg   60

ttcagggctt gcgtgataca atagctgctg gaattgaaga gcgtgatggt tttcctgcca   120

atcctgatga cattttcatg actgatggtg caagccctgc tgtccataat atgatgcaat   180

tactcattag atcagaaaat gatggtattc tgtgtcccat tccacac   227

<210> 2286
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700956467H1

<400> 2286

attgacctcg ggcggtttag gcgcttatag tgactcccgc ggccttccag gagtgaggaa   60

ggaagtggct gagttcatac tcaggcgtga tggttatcca actgatccag aactcatata   120

tctcactgat ggtgccagca agggggtgat gcagatatta aatactatca tcagaggtca   180

828

```
agacgatggg attttggttc cagtcccaca atacccactc tactcagcaa caattgctct    240

gcttggtggt acccttgttc                                                260


<210>    2287
<211>    164
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700959696H1

<400>    2287

gcaattactc attagatcag aaaatgatgg taatctgtgt cccattccac agtaccctct     60

gtactcagcc tcaattgccc tccatggtgg ctgcctggta ccttattatc tagatgaagc    120

aactggctgg gggttggaaa tacctgaact caagaagcaa ttgg                     164


<210>    2288
<211>    233
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958391H1

<400>    2288

gatagcccga attgttgcaa agcaccccag gcttctggtt ctctctgatg aaatttacga     60

acacataatt tatgcaccag caactcacac gagctttgca tctttaccag gaatgtggga    120

cagaactctt actgtgaatg gattttctaa ggcctttgca atgactggtt ggcggcttgg    180

atatattgct ggtccaaaac attttgttgc agcatgtgga aagatccaaa gtc           233


<210>    2289
<211>    271
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700954813H1

<400>    2289

gagatttcac aaaggaccca attccttctc tagttcaagg tctagaggtc ggatctctat     60

ggctgttgca gttaatgtat ctcggtttga aggcatacct atggctcctc ctgatccaat    120

tctcggagtt tccgaggcgt ttaaggcaga caatagtgat gtcaagctca atcttggagt    180
```

829

```
tggggcatac agaacagaag aactacagcc atatgtgctt atgttgttaa gaaggtcttt    240

gttccgtatt ttatgtgtct tctgtgattt g                                    271



<210>        2290
<211>        254
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700953963H1

<400>        2290


attttctatt gcagatggct tcgtcggttc tctccgcagc ttcgcactct gtctcaccct     60

catgttctct gtccaccacg cacaagggaa agcccatgat tagagacaac actttgggat    120

tccacagagg acccaattcc ttctctagtt caaggtctag aggtcggatc tctatggctg    180

ttgcagttaa cgtttctcgg tttgaaggca tacctatggc gcctcctgat ccaattctag    240

gagtttctga ggca                                                      254



<210>        2291
<211>        261
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700955412H1

<400>        2291


gttcatcgca gactcaacac tctctccaga cacttccttc atcaaatggc ttctcacgac     60

ggcatctccg ctgcttcttc agattccgtc ttcaatcacc tcgttcgtgc tcccgaagat    120

cctatcctcg gggtactgtt gcttataaca aagatccaag tccagttaag ctcaacttgg    180

gagttggtgc ttaccgaact gaggaaggaa aacctcttgt tttgaatgta gtgaggcgag    240

ttgagcagca actcataaat g                                               261



<210>        2292
<211>        268
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700909477H1

<400>        2292
```

830

```
gttcgcactc tgtctttccc ctgtttccgc gtcactgagt catcgcgatt cgcaactcgc    60

tcaccggcca attcctccgc cgcagctccg tcgccggagc aaggctcatg tcttcttcgt   120

cctcatggtt ccggagcatc gagcccgctc ccaaggatcc tatcctcgga gtcactgaag   180

ctttcctcgc cgatcagagt ccaaacaaag tcaacgtcgg agtgggtgcg tatcgcgatg   240

accacggaaa acctgtggtt ttggaatg                                       268
```

<210>   2293
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964436H1

<400>   2293

```
gggaaatcat attgttaatg ttttctcatt ctcaaaagca tttggaatga tgggatggcg    60

ggttggatat atagcatatc cctctgaagt aaaagacttt gctgaacaac ttctcaaagt   120

tcaagacaac attcccatct gtgcttcaat attatcacag tatcttgccc tgtattcatt   180

ggaagtgggg cctcaatggg ttgtagatca ggtaaaaact cttgaaaaga acagagaaat   240

tgttttaga                                                           249
```

<210>   2294
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962862H1

<400>   2294

```
aatcaatggc ctttctttag ggtcacactt gatttggtgg aaatggtgtt tgccaaagga    60

gatccgaaaa ttgccgctct gaatgataga ctccttgttt caaggatct gtggccgttt    120

ggggatcaat tgaggaacaa atatgaagaa actaggaaac tcctacttca ggtggctgga   180

cacaaggaaa ttcttgaagg ggacccttac ttgaagcaaa gactcaggct tcgtcatgct   240

cccattacca                                                          250
```

<210>   2295
<211>   262
```

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962754H1

<400>   2295

aatcaatggc gtttctttag ggtcacactt gatttggtgg aaatggtgtt tgccaaagga   60

gatccgaaaa ttgccgctct gaatgataga ctccttgtgt caaaggatct gtggccgttt   120

ggggatcaat tgaggaacaa atatgcagaa actaggaaac tcctacttca ggtggctgga   180

cacaagggaa ttcttgaagg ggacccttac ttgaagcaaa gactcaggca tcgtcatgct   240

cccattacca gcctcaatat tg   262

<210>   2296
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700955462H1

<400>   2296

tgagaacaat gcaactacag aatcagacat tgaagaaact ctcaagaaac ttgtatttga   60

cttgaagaag tctcctcagg aagtttttga tgcactgaaa aaccagactg ttgatttagt   120

tcttactgct catctactca atcaattcgt agatctttgc ttcaaaagca tggacggata   180

aggaattgtt tatctcaatt gtatgccaaa gacattactc ctgatgataa gcaggagctt   240

gatgaggctc tacaaaggga g   261

<210>   2297
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959358H1

<400>   2297

agtaaacctg ctgatgaact tataacactt aacccaacaa gtgaatatgc acctggtttg   60

gaagacaccc tcattctcac catgaagggt attgctgctg gcttgcaaaa cactggctaa   120

atctgagttt ttgtcttctc tttggttcca cttttatttt ctgtttcctt tatcagaaat   180

aacgagttta gctgcatgca ccaaagggtg ttttccctc ccctgtaccc atgtttccat   240

832

tataagata 249

<210>   2298
<211>   283
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963637H1

<400>   2298

ctttagagag atagagagat agagagagag agaaagaaat taagaaaaaa tggcagcctg   60

cactgtctac tcaacacaat ctctgagctc aaattgctcc atctcaaccc catcaaagac   120

acagctgagt ttcttccacc aaaagcaggt acgttctgga ggaacagcaa caggggcaac   180

agcagcagca gaagaagcta tgtgataaca tgtgcagcag gtgactcaca gacagtggtg   240

attggtcttg ctgcagactc agggtgtggg aagagcactt cat   283

<210>   2299
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959747H1

<400>   2299

gagcaccttc atgaggaggc tgacaagtgt gtttggagga gcagcagagc caccgaaggg   60

tggcaaccct gactcaaaca cactcatcag tgacaccacc actgtcatat gcttggatga   120

ttaccactct ttggatagaa ctggcagaaa ggagaagggt gtcactgccc ttgaccctag   180

agccaatgat tttgatctca tgtatgaaca agttaaagct cttaaggatg gaattgctgt   240

tgaaaaacca atctacaacc atgtc   265

<210>   2300
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961206H1

<400>   2300

agacgacctc aagaaaatcg ccgcctacaa ggccgtcgag tacgtcgagt ccggcatggt   60

cctcggcctc ggcaccggct ccactgccaa gcacgccgtc gaccgcatcg gcgagctcct   120

ccgccaagga aaactcaaag acatcgtcgg catccccacc tccaccaaaa cccacgacca   180

ggccctctcc ctcggcatcc ccctctccga tctcgactcc caccccaccg tcgatctcgc   240

catcgacggc gccgacgagg tcgat   265

<210>   2301
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700951860H1

<400>   2301

ctgaaatcga gctctttatt tggagaatct ctaagagtgg catccaaatc aacactaaag   60

gtttcaaaga caaagaatac ttcactcgtg accagatgtg aaattggtga cagtctggaa   120

gaattcctca caaaagcaac accagataag gggttgatca ggttgttggt gtccatggga   180

gaagcattaa gaacaatttc cttcaaagtg aagacggctt cttgtggtgg aacacaatgt   240

gttaatactt tggggacgag ca   262

<210>   2302
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700909473H1

<400>   2302

tgtgattctg tatgatagcc gtcactcttt acttccaaaa attgaggagg gcccaaagac   60

atttgtcaat gccctatcta gtaccctgag caagctccag tccagtaaat ctttccggag   120

atttagagaa gctgctaggg gtgttacgaa acgaattggt aggtctgcat gaattggcag   180

ctaaagtgga tgaatatgct cgtggtatga tgggtcctct aggtgctact ctttttgaag   240

agcttgggtt gtactacata ggcccagt   268

<210>   2303
<211>   245
<212>   DNA
<213>   Glycine max

834

<223>   Clone ID: 700962626H1

<400>   2303

gcacgattta acaagcctga caatgagatt gttgaccatt acacatatgt tatattgggt   60

gatggttgtc aaatggaggg aatttcaaat gaagcatgct cacttgccgg tcactggggt   120

ctagggaagc ttattgcttt atatgatgac aaccacattt ccattgatgg ggacactgag   180

attgcattca ctgagaatgt tgatcaacgt tttgaggcac ttgggtggca tgtaatttgg   240

gtgaa   245

<210>   2304
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700907766H1

<400>   2304

caacaagcag gtttctttac caactgctac tcttgatgga cccataccac ctgtaggagc   60

cttgagtagc gctctcagta gattacaatc aaataggcct cttagagaat tgagagaggt   120

tgccaaggga gttcctaaac gaattggagg tcctatgcat gaattggctg caaaagttga   180

cgagtatgct cgtggcatga tcagtggttc tggatcatca cttttgaag agcttggact   240

<210>   2305
<211>   308
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700954594H1

<400>   2305

tccttcccat cattctctgg cctcaagtca cattctacat gcaaagcagc agcagccacg   60

tcctcgcgta gaaggggtgc ttgtccatcc accaacgttg ttcgagccgc tgcggttgag   120

acactcgacc aaaccaccga ggtttctctg gtggagaaat ccgtcaacac cattcggttt   180

ttggccattg atgcagttga gaaggccaac tctggtcacc ctggtctccc catggggtgt   240

gctccaatgg gtcacattct ctacgatgag ataatgaggt acaatcctaa gaaccccgtt   300

ggttcaac   308

<210> 2306
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700906586H1

<400> 2306

actcgagccg aatcggctcg agttcagttg aagaaggaat ccatcactgc aatgctagca   60

aacttggact tcagggatgt gacttcacaa aggatgtcaa caaagcaata atgatcagtg   120

atgcaatgga aacgggaaca gttcagataa attccgcccc ggctcgtggg ccagatcatt   180

ttccctttca gggtataaag acagtggca ttggatctca agggattacc aacagcataa   240

acatga   246

<210> 2307
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700956280H1

<400> 2307

cttttctaac atggctgctg ggactggact ctttgcagag attgtggatg gagatgtgta   60

caagtactat gctgatggag aatggaagaa atctgcttct gggaaaagtg ttgccatcat   120

caaccccact accagaaaga ctcaatacaa agttcaagct tgttcacaag aggaggttaa   180

caaggtcatg gacttggcaa aatctgccca aaagttatgg gcaaagaccc cactatggaa   240

acgtgct   247

<210> 2308
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700957466H1

<400> 2308

atggctgctg ggactggact ctttgcagag attttggatg gagatgcgta caagtactat   60

gctgatggag agtggaagaa atctgcttct gggaaaagtg tttccacatc aaccccacta   120

836

ccagaaagac tcaatacaaa gttcaagctt gttcacaaga ggaggttaat aaggtcatgg   180

acttagcaaa atctgcacaa aagttatggg caaagacccc actatggaaa cgtgctgcgt   240

cttcacaaag cagt   254

<210>   2309
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957672H1

<400>   2309

atctatctat ccatctatct tttctaacat ggctgctggg actggactct ttgcagagat   60

tttggatgga gatgcgtaca agtactatgc tgatggagag tggaagaaat ctgcttctgg   120

gaaaagtgtt tccatcatca accccactac cagaaagact caatacaaag ttcaagcttg   180

ttcacaagag gaggttaata aggtcatgga cttagcaaaa tctgcacaaa agttatggg   239

<210>   2310
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962678H1

<400>   2310

gacttggcaa aatctgccca aaagttatgg caaagaccc cactatggaa acgtgctgaa   60

cttcttcaca aggcagctgc tatccttaaa gagcacaaag caccaattgc agagtgcctg   120

gtgaaagaaa tagcaaagcc agccaaagat gctgttacag aggttgtaag atctggggat   180

ctggtttctt atactgctga agaaggtgta aggattctgg gagagggaaa gttcttgg   238

<210>   2311
<211>   159
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957692H1

<400>   2311

gctctcacca acttccgcta cttcctactc caaccacttt cttgtttccc gcagtcatgg   60

gcaaggtcaa gatcggaatc aacggatttg gaagaattgg ccgtttggtg gccagggtgg   120

ctctgcagag agacgatgtt gaactcgttg ccgttaacg   159

<210>   2312
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961292H1

<400>   2312

cgccaatttc attgaaggcc tggtcttgga tgctaaggag aaaggagcaa cattctgtca   60

ggagtacaaa agagaaggca atctcatttg gcctttgcta ctggacaatg ttaggccaga   120

catgagaatt gcatgggaag agccatttgg accggtttta ccagtaatta ggatcaattc   180

agttgaagaa ggaatccatc attgtaatgc tagcaacttt ggacttcagg gatgtgtctt   240

cacaaaggat gtc   253

<210>   2313
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963585H1

<400>   2313

atggcattgc aatttcaaag aaggcaggca tgattcctct gcaaatggag ttgggaggaa   60

aagatgcctg cattgtactt gaagatgctg acctggattt ggttgctgca aacattataa   120

agggaggttt ttcatacagt ggtcagagat gcactgctgt taaggttgtc ctggtaatgg   180

agtccgctgc tgatgctttg gttgagaaag tgaaggctaa ggtggcaaaa ctaactgttg   240

gaccaccaga ggatgactgt gatatcacc   269

<210>   2314
<211>   148
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700764629H1

<400>   2314

```
gaaggctcag gtggcaaaac taactgttgg accaccagag gatgactgtg atatcacccc    60

ggttgtgtca gaatcatccg ccaatttcat tgaaggcctg gtcttggatg ctaaggagaa   120

aggagcaaca ttctgtcagg agtacaaa                                       148


<210>      2315
<211>      121
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961412H1

<400>      2315

caagatcgga atcaacggat ttgcgaagaa ttggccgttt ggtggccagg gtggctctgc    60

agagagacga tgttgaactc gttgccgtta acgatccttt cattaccacc gattacatga   120

c                                                                    121


<210>      2316
<211>      141
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700908925H1

<400>      2316

gtcatgggca ctgtcaagat cggaatcaac ggatttggac gaattggccg tttggtggcc    60

agggtggctc tgcagagaga cgatgttgaa ctcgttgccg ttaacgatcc tttcattacc   120

accgattaca tgacatacat g                                              141


<210>      2317
<211>      224
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956948H1

<400>      2317

cacacaccgt ttgttctatt cttaactcaa cttctgctac ccactctctt cttccaagtc    60

caaccacgct cttctctaca gtcatgggca aggtcaagat cggaatcaac ggatttggaa   120

gaattggccg tttggttgcc agagtcgctc tgcaaagaga cgatgtggag ctcgttgccg   180
```

ttaacgaccc tttcattaac accgattaca tgacatacat gttt   224

<210>   2318
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958014H1

<400>   2318

ctattcttaa ctcaacttct gctaccactc tgttcttcca agtccatcca cgcttttctc   60

tacagtcatg ggcaaggtca agatcggaat caacggattt gagagaattg ccgtttggt   120

tgccagagtc gctctgcaaa gagacgatgt ggagctcgtt gccgttaagg gccctgtcat   180

taccaccgat tacatgacat acatgattgg atacgtcagt gttcacggac actggaagca   240

tcac   244

<210>   2319
<211>   219
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700903658H1

<400>   2319

ctcaacttct gctacccact ctcttcttcc aagtccaacc acgccgttct ctacagtcat   60

gggcaacgtc aagatcggaa tcaacggatt tggaagaatt ggccgtttgg ttgccagagt   120

cgctctgcaa agagacgatg tggagctcgt tgccgttaac gaccctttca ttaccaccga   180

ttacatgaca tacatgttta aatacgacag tgttcacgg   219

<210>   2320
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961862H1

<400>   2320

actcgagccg attcggctcg agcacccaca caccatccgt tctagactca acttctgctc   60

tacccaactc ctacaacgct tatctctgca ctcatgggca aggtcaagat cggaatcaac   120

840

ggatttggaa gaattggccg tttggttgcc agagtcgctc tgcaaagaga cgatgttgaa   180

ctcgttgccg ttaacgaccc tttcattacc accgattaca tgacatacat gtttaaatac   240

ga   242

<210>   2321
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700903141H1

<400>   2321

attcttaact caacttctgc taccctctct cttcttccaa gtccaaccac gcttttctct   60

acagtcatgg gcaaggtcaa gatcggaatc aacggatttg gaagaattgg ccgtttggtt   120

gccagagtcg ctctgcaaag agacgatgtg gagctcgttg ccgttaacga ccctttcatt   180

accaccgatt acatgacata catgtttaaa tacgacagtg ttcacggaca ctggaagcat   240

cacgatgtca ccgttaagga cg   262

<210>   2322
<211>   255
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700907488H1

<400>   2322

caacttctgc tcttccaact cctacaacgc tattctcagn actcatgggc aaggtcaaga   60

tcggaatcaa cggatttgga agaattggcc gtttggtact cagagtcgct ctgcaaagag   120

acgatgttga actcgttgcc gttaacgacc ctttcattac caccgattac atgacataaa   180

tgtttaaata cgacagtgtt cacggacact ggaagcatca cgatgtcacc gttaaggacg   240

agaagaccct tctct   255

<210>   2323
<211>   243
<212>   DNA
<213>   Glycine max

841

<223>   Clone ID: 700963289H1

<400>   2323

caccaacttc cgctacttcc tactccaacc actttctttt ttcccgcagt catgggcaag   60

gtcaagatcg gaatcaacgg atttggaaga attggccgtt tggtggccag ggtggctctg   120

cagagagacg atgttgaact cgttgccgtt aacgatcctt tcattaccac cgattacatg   180

acatacatgt ttaaatacga cagtgttcac gggcactgga agcatcacga tgtcaccgtt   240

aag   243

<210>   2324
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906172H1

<400>   2324

ttctgctact tcctactcca accgcacttc tgctccgcaa ttatcatggg caaggtcaag   60

atcggaatca acggatttgg aagaattggc cgtttggtag ccagagtggc tctgcagaga   120

gacgatgttg aactcgttgc cgttaacgac cctttcatca ccaccgatta catgacatac   180

atgtttaaat acgacagtgt tcatggacac tggaagcatc acgatgtcac cgttaagga   239

<210>   2325
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962944H1

<400>   2325

caacttctgc tacttcctac tccaaccgca cttctgctcc gcaattatca tgggcaaggt   60

caagatcgga atcaacggat ttggaagaat tggccgtttg gtagccagag tggctctgca   120

gagagacgat gttgaactcg ttgccgttaa cgaccctttc atcaccaccg attacatgac   180

atacatgttt aaatacgaca gtgttcatgg acactggaag catcacgatg tcaccgttaa   240

ggacgagaa   249

<210>   2326

842

```
<211>      253
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964087H1

<400>      2326

acaacttccg ctacttccta ctccaaccac tttctttttt cccgcagtca tgggcaaggt    60

caagatcgga atcaacggat ttggaagaat tggccgtttg gtggccaggg tggctctgca   120

gagagacgat gttgaactcg ttgccgttaa cgatcctttc attaccaccg attacatgac   180

atacatgttt aaatacgaca gtgttcacgg gcactggaag catcacgatg tcaccgttaa   240

ggatgagaag acc                                                       253


<210>      2327
<211>      281
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959733H1

<400>      2327

aacaacttct gctacttcct actccaaccg cacttctgct ccgcaattat catgggcaag    60

gtcaagatcg gaatcaacgg atttggaaga attggccgtt tggtagccag agtggctctg   120

cagagagacg atgttgaact cgttgccgtt aacgaccctt tcatcaccac cgattacatg   180

acatacatgt ttaaatacga cagtgttcat ggacactgga agcatcacga tgtcaccgtt   240

aaggacgaga agacccttct cttcggtgac aagccagtca c                        281


<210>      2328
<211>      258
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964742H1

<400>      2328

ctcaacttct gctcttccaa ctcctacaac gcttttctct gcactcatgg gcaaggtcaa    60

gatcggaatc aacggatttg gaagaattgg ccgtttggtt gacagagtcg ctctgcaaag   120

agacgatgtt gaactcgttg ccgttaacga ccctttcatt accaccgatt acatgacata   180
```

843

catgtttaaa tacgacagtg ttcacggaca ctggaagcat cacgatgtca ccgttaagga   240

cgagaagacc cttctctt   258

<210>   2329
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700953045H1

<400>   2329

aaaaatgcta tcaaggagga atcagagggc aagttgaagg gaattcttgg ttacactgaa   60

gatgatgtgg tctccaccga ctttgttggt gataacagat caagtatttt tgatgcaaag   120

gctggaattg cattgaataa gaattttgtg aagcttgtct cttggtatga caacgagtgg   180

ggatacagtt cacgtgtcat tgacctgctt gtaatcgttg ccaagaagtc tttttaataa   240

ggtgg   245

<210>   2330
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956242H1

<400>   2330

taaaaatgct atcaaggagg aatcagaggg caagttgaag ggaattcttg gttacactga   60

agatgatgtg gtctccactg actttatcgg cgtgagcaga tcaagtattt ttgatgcaaa   120

ggctggaatt gcattgaata agaactttgt gaagcttgtt tcttggtacg acaacgagtg   180

gggatacagc tcacgtgtca ttgatcttct tgtattcgtt gccaagaagt ctctttaagg   240

tgttact   247

<210>   2331
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964732H1

<400>   2331

844

caccaacttc cgctacttcc tactccaacc actttctttt ttcccgcagt catgggcaag   60

gtcaagatcg gaatcaacgg atttggaaga attggccgtt tggtggccag ggtggctctg   120

cagagagacg atgttgaact cgttgccgtt aacgatcctt tcattaccac cgattacatg   180

acatacatgt ttaaatacga cagtgttcac gggcactgga agcatcacga tgtcaccgtt   240

aaggatgaga agaccccttct cttcgg   266

<210>   2332
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700952951H1

<400>   2332

aaaaatgcta tcaaggagga atcagagggc aagttgaagg gaattcttgg ttacactgaa   60

gatgatgtgg tctccaccga ctttgttggt gataacagat caagtatttt tgatgcaaag   120

gctggaattg cattgaataa gaattttgtg aagcttgtct cttggtatga caacgagtgg   180

ggatacagtt cacgtgtcat tgacctgctt gtaatcgttg ccaagaagtc tttttaatta   240

aggtggttct aacattatg   259

<210>   2333
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700905876H1

<400>   2333

gctccgcaat tatcatgggc aaggtcaaga tcggaatcaa cggatttgga agaattggcc   60

gtttggtagc cagagtggct ctgcagagag acgatgttga actcgttgcc gttaacgacc   120

ctttcatacc accgattaca tgacatacat gtttaaatac gacagtgttc atggacactg   180

gaagcatcac gatgtcaccg ttaaggatga gaagacccctt ctcttcggtg acaagccagt   240

cactattttt gg   252

<210>   2334
<211>   239
<212>   DNA

845

<213>   Glycine max

<223>   Clone ID: 700953564H1

<400>   2334

ccgttaagga cgagaagacc cttctcttcg gtgacaagcc agtcactatt tttggacaca   60

gaaaccctga agagatccca tgggggtcaa ctggagctga catcattgtt gagtccaccg   120

gagttttcac cgataaggac aaggccgccg cacatttgaa gggtggtgca aagaaggtta   180

ttatttctgc ccccagtaag gatgccccca agttggtggt gggtgtcaac gagcacgag   239

<210>   2335
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906196H1

<400>   2335

gccagagtcg ctctgcaaag agacgatgtg gagctcgttg ccgttaacga ccctttcatt   60

accaccgatt acatgacata catgtttaaa tacgacagtg ttcacggaca ctggaagcat   120

cacgatgtca ccgttaagga cgagaagacc cttctcttcg gtgacaagcc agtcactgtt   180

tttggacaca ggaaccctga agagatccca tgggggtcaa ctggagctga tatcattgtt   240

ga   242

<210>   2336
<211>   280
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700909405H1

<400>   2336

aacaacttct gctacttcct actccaaccg cacttctgct ccgcaattat catgggcaag   60

gtcaagatcg gaatcaacgg atttggaaga attggccgtt tggtagccag agtggctctg   120

cagagagacg atgttgaact cgttgccgtt aacgaccctt tcatcaccac cgattacatg   180

acatacatgt ttaaatacga cagtgttcat ggacactgga agcatcacga tgtcaccgtt   240

aaggacgaga agacccttct cttcggtgac aagccagtca   280

846

```
<210>      2337
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962884H1

<400>      2337

gcagcactgg agctgccaag gctgttggaa aagtccttcc tgctttgaac ggaaaattga    60

ctggtatggc attccgtgtt cccaccgtgg atgtctctgt tgttgacctc acagtgaggc   120

tggagaagga agcctcctac gatgaaatta aaaatgctat caaggaggaa tcagagggca   180

agttgaaggg aattcttggt tacactgaag atgatgtggt ctccaccgac tttgtgggcg   240

atacagatca                                                           250


<210>      2338
<211>      254
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700907981H1

<400>      2338

ggatgtctct gttgttgacc tcacagtgag gctggagaaa gaagcttcct acgatgaaat    60

taaaaatgct atcaaggagg aatcagaggg caagttgaag ggaattcttg gttacactga   120

agatgatgtg gtctccactg actttatcgg cgatagcaga tcaagtattt ttgatgcaaa   180

ggctaaaatt gcattgaata gaactttgt gaagcttgtt tcttggtacg acaacgagtg   240

ggatacagct cacg                                                      254


<210>      2339
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963317H1

<400>      2339

caagaccaat ggatcaactc ctgtgagggg agagttagtg gccaagttga aggtggcaat    60

caatggtttc ggacgcattg gtagaaactt ccttcgctgc tggcacggcc gaaaagactc   120
```

847

acccccttgaa gtcgttgttg tcaacgacag tggtggtgtc aagaatgctt cgcacctgct   180

gaaatatgat cctatgctgg gaacctttaa ggaaatgttg aaatactaga caattgaacc   240

atcactgttg atggtaatcc atc   263

<210>   2340
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700905151H1

<400>   2340

atcattgttg agtccaccgg agttttcacc gataaggaca aggccgccgc acatttgaag   60

ggtggtgcga agaaggttat tatttctgcc cccagtaagg atgcccccat gtttgttgtt   120

ggtgttaacg agcacgagta caagccagag cttgatatta tttccaatgc tagctgcaca   180

accaactgcc ttgctccact tgctaaggtt attaatgaca ggtttggcat tgttgagggt   240

ttgatgacca ctgttcattc catca   265

<210>   2341
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957310H1

<400>   2341

gttaacgagc acgagtacaa gccagagctt gatattattt ccaatgctag ctgcacaacc   60

aactgccttg ctccacttgc taaggttatt aatgacaggt ttggcattgt tgagggtttg   120

atgaccactg ttcattccat cactgccacc cagaagactg ttgatgggcc atcagccaaa   180

gactggagag gtggaagagc tgcttcattt aacatcattc ctagcagcac tggagctgcc   240

aaggctgttg gaaaagt   257

<210>   2342
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700907957H1

848

<400>   2342

caagccagag cttgatatta tttccaatgc tagctgcaca accaactgcc ttgctccact   60

tgctaaggtt attaatgaca ggtttggcat tgctgagggt ttgatgacca ctgttcattc   120

catcactgcc acccagaaga ctgttgatgg gccatctacc aaagactgga gaggtggaag   180

agctgcttca tttaacatca ttcctagcag cactggagct gccaaggctg ttggaaagtc   240

cttcc   245

<210>   2343
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957321H1

<400>   2343

ctaaggttat taatgacagg tttggcattg ttgagggttt gatgaccact gttcattcca   60

tcactgccac ccagaagact gttgatgggc catcagccaa agactggaga ggtggaagag   120

ctgcttcatt taacatcatt cctagcagta ctggagctgc caaggctgtt ggaaaagtcc   180

ttcctgcttt gaacggaaaa ttgactggta tggcattccg tgttcccacc gtggatgtct   240

ctgttgttga cctcacagtg   260

<210>   2344
<211>   304
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700954591H1

<400>   2344

tacactttct atctcatttc caatctcatt ttcgttcggt tcaaacactc tcatggcatc   60

agacaagaag attaggatcg gcatcaacgg atttggaagg attggccgtt tggtggccag   120

ggttgctctt cagaggaatg acgttgaact tgttgctgtc aacgatcctt tcatcaccac   180

tgattacatg acatacatgt tcaagtacga caccgttcat gggcagtgga agcattttga   240

tgtgaagctg aaggactcta agacccttct cttcggtgag aagcccgtca ccgttttgga   300

ttca   304

<210>   2345
<211>   202
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960745H1

<400>   2345

caaggctcta ctctactgct tcacattctg ctctagaaaa ttcagtggtg acacacagct   60

tcggctactc tctctgtagc caaaccagcc cttcaggcaa atgggaaagg cttctctgaa   120

ttctctggcc tctgcagctc atcaggcttc cttccctttt ctagaaaatc ttaagaggat   180

ttccactctg ccattgcctt cc   202

<210>   2346
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906879H1

<400>   2346

tacaaggctc tactctactg cttcaccttc tgctctagaa aattcagtgg tgatacatgg   60

cttcggctac tctctctgta gccaaaccag cccttcaggc aaatgggaaa ggcttctctg   120

aatctctggc ctccgcagct catcaggctt ccttcccttt tctagaaaat cttcagagga   180

tttccattct gtcattgcct tccagaccta tgcagtctaa agcagtggag gatacaagaa   240

gggtgt   246

<210>   2347
<211>   275
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960223H1

<400>   2347

ctagtttctt acaaggctct actctactgc ttcaccttct gctctagaaa attcagtggt   60

gatacatggc ttcggctact ctctctgtag ccaaaccagc ccttcaggca aatgtcgaaa   120

ggcttctctg aattctctgg cctccgcagc tcatctggct tccttccctt ttctagaaaa   180

850

tcttcagagg atttccattc tgtcattgcc ttccagacct atgcagttgg aagcagtgga   240

ggatacaaga agggtgtgac agaagcaaaa ctgaa   275

<210>   2348
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906218H1

<400>   2348

gtttcttaca agcctctact atactgcttc accttctgct ctagaaaatt cagtgctgaa   60

acatggcttc ggctactctc tctgtagcca aaccagccct tcaggcaaat gggaaaggct   120

tctctgaatt ctctggcctc cgaagctcat caggcttcct tccctttttct agaaaatctt   180

cagaggattt ccattctgtc attgccttcc aaacctatgc agttggaagc agtggaggat   240

acaagaaggg tgtgacagaa gcaaaact   268

<210>   2349
<211>   283
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962204H1

<400>   2349

actgaacaac gaggtccacc actgagacgt ttgcagaaga agtgaatgca gcattcagag   60

agagtgcaga caatgagctc cagggaatcc tctctgtgtg tgatgagcca cttgtgtctg   120

ttgacttcag gtgcactgat gtgtcctcaa ccgttgactc atcgttgacc atggtcatgg   180

gagatgacat ggttaaggtg attgcttggt atgacaatga gtggggctac tcccaaaggg   240

ttgtggattt ggctgacatt gttgccaaca gtggaagtg aga   283

<210>   2350
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962351H1

<400>   2350

851

ggaaatcaaa gttgtttctg accgcaaccc tgccaacctt ccttggaagg acttggggat 60

agacttggtg attgaaggaa ccggggtgtt tgtagacaga gaaggtgcag ggaaacacat 120

tcaagcagga gctaagaagg tgctcatcac tgctcctggt aaaggagata tccccaccta 180

cgtggttggt gtcaatgagt atgactacag ccctgatgaa cccatcatca gcaatgcctc 240

ttgcaccact aactgccttg cac   263

<210>   2351
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700954983H1

<400>   2351

catggatcag gcaaggtcaa gatcggaatc aacggtaagt cttctccatc cttcgatctc 60

tcttctgttg tttcagatca gcttagttat tttttctact attccatttt cgctgttttt 120

ttctctctca attttatcta aatcgaaatg taacaggatt tggaagaatt ggccgtttgg 180

ttgccagagt cgctctgcaa agagacgatg tggagctcgt tgccgttaac gacccttttca 240

ttac   244

<210>   2352
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961364H1

<400>   2352

gaaatcctct tcaaccgcaa caaggacgcg atctcctccg acacggcgtc ccgatcgacg 60

tctttatccg tgcgttcacg cacgcgtatg gcggatgagc tggagcaggt gttcaacaag 120

ttcgacgtga acggcgacgg caagatctcg gcgtcggagc tgaagaccac tccgtgtgcc 180

tacacccaat gtttcagttg ttgaccttgt tgtgaatgtt gagaagaagg gtcttact   238

<210>   2353
<211>   240
<212>   DNA
<213>   Glycine max

852

<223>   Clone ID: 700961396H1

<400>   2353

gaaatctctc ggcaaccgca acaaggacgc gatctcctcc gatacggcgt cccgatcgac   60

gtctttatcc gtgcgtgcag gcacttaaca tggcggctac gctggagcag gtgttcaaca   120

agttcgacgt gaacggcgac ggcaagatct cgcaatctca atggaatagc gctccgtgtg   180

cctacaccca atgtttcagt tgttgacctt gttgtgaatg ttgagaagaa gggtcttact   240

<210>   2354
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963442H1

<400>   2354

gtgacacagt tcaaccccac ttgctcaaaa actcatcttc actcatctca gctccctttt   60

ctatcgagga ctcttcctag acatcgccac tgcactattg cgccacttct gctccgccat   120

tatcatgggc aaggtcaaga tcggaatcaa cggatttgga agaattggcc gtttggtagc   180

cagagtggct ctgcagagag acgatgttga actcgttgcc gttaacgacc ctttcatcac   240

caccgattac at   252

<210>   2355
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956835H1

<400>   2355

aaatacttga agccctctgt tgcaggattc ctaatgcaga aggagcttga ttatctagtt   60

ggggctgtgt caaaccccaa gagaccattt gctgctattg tcggtggatc gaaggtgtct   120

tccaagattg gagttattga atccttgttg gagaaagtta atgttctctt gcttggtgga   180

ggaatgatct ttaccttta caaggctcag ggttattcag ttgggtcatc tcttgtggag   240

gaagacaagc ttagcctt   258

<210>   2356

<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959058H1

<400>   2356

gctaacagca agactgtgcc ggcatcaagc atcccagatg ggtggatggg gttggatatt   60

ggtcctgatt ccatcaagac atttggtgaa gcattggata cgactcagac cattatttgg   120

aatggaccaa tgggtgtttt tgagtttgat aagtttgcca caggaacaga ggctatagcc   180

aagaaactgg cagagctgag tgggaaggga gtgacaacca tcattggagg aggtgactcc   240

gttgccgctg tggaga   256

<210>   2357
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700952526H1

<400>   2357

gaggaatgat ctttaccttt tacaaggctc agggttattc agttggttca tctcttgtgg   60

aggaagacaa gcttagcctt gcaactacac ttctcgaaaa ggccaaggct aaaggggttt   120

ctttgttgct tccaactgat gtggtcatag cagacaagtt tgctgctgat gctaacagca   180

agactgtgcc agcatcaagc atcccagacg ggtggatggg attagatatt ggtcccgatt   240

ccatcaagac at   252

<210>   2358
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700910043H1

<400>   2358

ctctttacca gttgccacac tacaccgaga ttccccctaa acccgtttgc gttgttgttt   60

gcgaagaaat ggcgactaag aggagcgtgg gaacgttgaa ggagggtgat ttgaaaggga   120

agagggtgtt cgtgaggtcg atctgaacgt gcctttggat gacaacctta acatcaccga   180

tgacactaga gtccgtgctg ctgttcccac catcaagtac ttaactggtc atggagccaa   240

agtgatcctt tctagccact tgggacg   267

<210>   2359
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963530H1

<400>   2359

aaagggtgtc actaccaaat acagcttggc acctcttgtg ccccggcttt ctgagctcat   60

tggtatccag gttgtcaagg ctgaagacag tattggtcca gaagtagaaa agttggtggc   120

ttgtcttcca gatggaggtg ttcttcttct agaaaatgtg aggttttaca aggaggaaga   180

aaagaatgat cccgagcatg caaaaaagct tgcctctctg gcagatctgt ttgtgaatga   240

tgcatttggt actgctcaca gggcacatg   269

<210>   2360
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958261H1

<400>   2360

agttgccaca ctacaccgag attcccccta aacccgtttg cgttgttgtt tgcgaagaaa   60

tggcgactaa gaggagcgtg ggaacgttga aggagggtga tttgaaaggg aagagggtgt   120

tcgtgagggt cgatctgaac gtgcctttgg atgacaacct taacatcacc gatgacacta   180

gagtccgtgc tgctgttccc accatcaagt acttaactgg tcatggagcc aaagtgatcc   240

tttctagcc   249

<210>   2361
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700909538H1

<400>   2361

855

```
tatttccacc aaacccgttt gcgttgttgt ttgcgaataa atggcaacta agaggagcgt    60

gggaacgttg aaggagggtg atttgaaggg gaagagggta ttcgtgaggg tcgatctgaa   120

cgtgcctttg gatgacaacc ttaacatcac cgatgacact agagtccgtg ctgctgttcc   180

caccatcaag tacttgactg gttatggtgc taaagtgatc ctttctagcc atttgggacg   240

tccaaaaggt gta                                                      253
```

<210>   2362
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962832H1

<400>   2362

```
ctttgcttct agagaatgtg aggttctaca aggaggaaga gaagaatgat cctgaàtttg    60

caaagaagtt ggcttctcta gctgatctct atgtgaatga tgcatttggc actgcccaca   120

gagctcatgc ttctacagaa ggagttgcca aatacttgaa gccctctgtt gcaggattcc   180

taatgcagaa ggagcttgat tatctagttg gggctgtgtc aaaccccaag agaccatttg   240

ctgctattgt cggtg                                                    255
```

<210>   2363
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906269H1

<400>   2363

```
cgcgactaag aggagcgtgg gaacgttgaa ggagggtgat ttgaaaggga agagggtgtt    60

cgtgagggtc gatctgaacg tgcctttgga tgacaacctt aacatcaccg atgacactag   120

agtccgtgct gctgttccca ccatcaagta cttaactggt catggagcca aagtgatcct   180

ttctagccac ttgggacgtc ctaaaggtgt aacacctaaa tacagtttga agcctcttgt   240

gccaaggctg tctc                                                     254
```

<210>   2364
<211>   94
<212>   DNA

856

<213>   Glycine max

<223>   Clone ID: 700958782H1

<400>   2364

ccatttgttt ttgctttttg agatttcatc atcctgtatt tttggtttct gttttcggac   60

ttcaatggaa attaatggat gagaactaat gaat   94

<210>   2365
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959845H1

<400>   2365

gaagaacaag tagttgagaa ctaagaagga gaagcaaatg gcttcctcaa tgatctcttc   60

cccagctgtt accactgtca accgtgccgg tgccggcatg gttgctccat tcactggcct   120

caagtccatg gctggcttcc ccaccagaaa gaccaacaat gacattacct ccattgctag   180

caacggtgga agagtgcaat gcatgcaggt gtggccacca gttggcaaga agaagattga   240

gac   243

<210>   2366
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961649H1

<400>   2366

gttgagaact aagaaggaga agcaaatggc ttcctcaatg atctcttccc cagctgttac   60

cactgtcaac cgtgccggtg ccggcatggt tgctccattc actggcctca gtccatggc   120

tggcttcccc accaggaaga ccaacaatga cattacctcc attgctagca acggtggaag   180

agtgcaatgc atgcaggtgt ggccaccagt tgggcaacaa gaagtttgag actctttcct   240

acctgccaga ccttgatgat gcacaatt   268

<210>   2367
<211>   261
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700959008H1

<400>   2367

aacaagtagt tgagaactaa gaaggagaag caaatggctt cctcaatgat ctcttcccca   60

gctgttacca ctgtcaaccg tgccggtgcc ggcatggttg ctccattcac tggcctcaag   120

tccatggctg gcttccccac cagaaagacc aacaatgaca ttacctccat tgctagcaac   180

ggtggaagag tgcaatgcat gcaggtgtgg ccaccagttg caagacgaa gtttgagact   240

ctttcctacc tgccagacct t   261

<210>   2368
<211>   281
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963683H1

<400>   2368

aattggcaaa ggaagtagaa taccttctta ggaagggatg gattccttgc ttggaattcg   60

cgttggagca cggtttcgtg taccgtgagc acaacaggtc accaggatac tacgatggac   120

gctactggac catgtggaag ctgcctatgt ttggttgcac tgatgcttct caggtgttga   180

aggagcttca agaggctaag actgcatacc ccaacggctt catccgtatc atcggattcg   240

acaacgttcg ccaagtgcag tgcatcagct tcatcgccta c   281

<210>   2369
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700955418H1

<400>   2369

gtttgtttgc tcacaacctt atttgcaact gacttctttg agatcaaggc tgtaaaggag   60

attgagcctg cattgaagaa acaactcatc atttccactg ccctgatgac tattgggatt   120

gcaattgtta gttggatgca ctcccaactt ccttcactat cttcaatttt ggagttcaga   180

aagatgtcaa gaattggcag ctattcttgt gtgttgctgt tggtctttgg gcaggtctta   240

ttattggatt tgtaactgag tacta   265

<210>   2370
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959847H1

<400>   2370

gttggattgc actcccaact tccttcacta tcttcaattt tggagttcag aaagatgtca   60

agaattggca gctattcttg tgtgttgctg ttggtctttg ggcaggtctt attattggat   120

ttgtaactga gtactatact agcaatgcat atagtccggt gcaagatcgt tgcagactcc   180

tgcaggactg gtgctgcaac taatgttata tttggccttg ccttgggata caagtctgtt   240

attattccaa   250

<210>   2371
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700952058H1

<400>   2371

ggagcaacct ctttcctttt cactgagtat aagtacgtgg gaatcttcat ggtggctttt   60

gccattttga tattcctctt ccttggctct gtggaaggat tcagcacaag ctaccagcct   120

tgcacctatg accaaactaa aatgtgtaag ccagctcttg ccactgctgt tttcagcacc   180

atatctttcc tgcttggagg tgtcacatcg cttatttctg gattccttgg aatgaaaatt   240

caacttatg   249

<210>   2372
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700904602H1

<400>   2372

gactgggtcg gtctttttga ggccatcact ggttatggtc ttggtgggtc ttctatggct   60

ttgtgtggta gagttggtcg aggtatctat actaaggctg ctgatgttgg tgctgatctt   120

gtcggaaagg ttgaaagaga catccccgaa gatgatccaa gaaatccagc tttgattgct   180

gataatgacc gtgataatgt tggggatatc gctggtatgg gatctgatct gtttgcggtc   240

atatgccgag tca   253


```
<210>      2373
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700953633H1

<400>      2373
```

ctgtgactgc ctctgttccg ccaagcgcac attttcccac cgttcaggcc accggctgag   60

ttaggtttcc ggcgaggatg ggtgctgctc tgctgtcgga gcttgcgacg gagatagtcg   120

tgccagtgtg cgccgtcatc gggatcgtgt tctcgctggt gcagtggttc ctcgtgtcgc   180

gcgtcaagct cactcccgac cgcaacggaa cgacgtcgtc gccgcgcaac aacaaaaacg   240

gctacggcga c   251


```
<210>      2374
<211>      309
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700954577H1

<400>      2374
```

gaagcaccag cctcaatgta cttcttaagc tcatggcggt tgagtctctt gtgtttgctc   60

ccttggtttg ctacacatgg tggcctactc ttcaagatct aaaggatttg atagaaaaag   120

agtatcgtcc atcattttc tacaacgaca gaacaaggaa aagccgtccc tttaccaatg   180

ccttctcgtt tttgtgttag tctttaactc atctgtcatg tcaattccat tgtttttgaa   240

accttttcct cccccacctt gaaacaaagt atatttgtc tcatgtagtt ttaagacaat   300

tgattaggc   309


```
<210>      2375
<211>      268
<212>      DNA
```

<213>   Glycine max

<223>   Clone ID: 700908149H1

<400>   2375

ctgccggaaa cacgactgcc gctattggga agggatttgc cattggttct gctgcccttg   60

tatcactggc cctctttggt gcctttgtga gccgagċtgc tattacaact gttgatgtgt   120

tgactccaaa ggttttcatt ggtttgattg tgggtgcaat gcttccttac tggttttctg   180

ctatgactat gaagagtgtg ggaagtgctg ctctgaagat ggttgaagaa gtacgcaggc   240

aattcaacac cattccaggg ttgatgga   268

<210>   2376
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700952580H1

<400>   2376

ttcttatttt tttcctctct tcactttcac tctctctctc tctctcagcc atcatcatgg   60

gagcagtgat tctcccagat ctcggcaccg agattttgat tccggtctgc gccatcattg   120

gaatagggtt cgccctcttc cagtgggtcc tcgtctccaa ggttaagctc tccgctgcca   180

gagacgcttc ccctaacgcc gccggcaaaa atggctacaa cgattacctc atcgaagaag   240

aggaaggcct caacg   255

<210>   2377
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700952567H1

<400>   2377

cctcattctt attttttttcc tctcttcact ttcactctct ctctctctct cagccatcat   60

catgggagca gtgattctcc cagatctcgg caccgagatt ttgattccgg tctgcgccat   120

cattggaata gggttcgccc tcttccagtg ggtcctcgtc tccaaggtta agctctccgc   180

tgccagagac gcttccccta cgccgccgg caaaaatggc tacaacgatt acctcatcga   240

agaagaggaa ggcctcaa   258

<210>   2378
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700953831H1

<400>   2378

cttattttt tcctctcttc actttcactc tctctctctc tctcagccat catcatggga   60

gcagtgattc tcccagatct cggcaccgag attttgattc cggtctgcgc catcattgga   120

atagggttcg ccctcttcca gtgggtcctc gtctccaagg ttaagctctc cgctgccaga   180

gacgcttccc ctaacgccgc cggcaaaaat ggctacaacg attacctcat cgaagaag   238

<210>   2379
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700904783H1

<400>   2379

tccctcattc ttattttttt gctgtcttca ctttcactct gtctgtgtct ctcagccatc   60

atcatgggag cagtgattct cccagatctc ggcaccgaga ttttgattcc ggtctgcgcc   120

atcattggaa taggttcgcc ctcttccagt gggtcctcgt ctccaaggtt aagctctccg   180

ctgccagaga cgcttcccct aacgccgccg gcaaaaatgg ctacaacgat tacctcatcg   240

aagaagag   248

<210>   2380
<211>   238
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700952870H1

<400>   2380

ttccctcatt cttattttt tcctctcttc actttcactc tctctctctc tctcagccat   60

catcatggga gcagtgattc tcccagatct cggcaccgag attttgattc cggtctgcgc   120

catcattgga ataggggttcg ccctcttcca gtgggtcctc gtctccaagg ttaagctctc   180

cgctgccaga dacgcttccc ctaacgccgc cggcaaaaat ggctacaacg attacctc   238

<210>   2381
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961948H1

<400>   2381

caatcttatt tctatccaca cttcacattc actctatctc tctctctcag ccatcctcat   60

gggaacagtg aacatcccag atctcggcac cgagattttg attccagtct gcgccatcat   120

tggaatagggg ttcgccctct tccagtgggt cctcgtctcc aaggttaagc tctccgctgc   180

cagagacgct tcccctaacg ccgccggcaa aaatggctac aacgattacc tc   232

<210>   2382
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906779H1

<400>   2382

attccttccc tcattcttat tttttttcgtc tcttcacttt cactctctct ctctctctca   60

gtcatcatca tgggagcagt gattctccca gatctcggca ccgagatttt gattccggtc   120

tgcgccatca ttggaatagg gttcgccctc ttccagtggg tcctcgtctc caaggttaag   180

ctctccgctg ccagagacgc ttccactaac gcctccggca aaaatggcta caacgattac   240

ctcatcgaag aag   253

<210>   2383
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906027H1

<400>   2383

tgtgtcacat cgcttatttc tggattcctt ggaatgaaaa ttgcaactta tgccaatgca   60

agaaccaccc tggaggcaag aaagggtgtt ggaaaggctt tcattacggc ttttagatct 120

ggtgcagtta tgggttttct ccttgctgca aatggtcttt tggttcttta cattgccatc 180

aacttgttca agatttacta tggtgatgac tggggtggtc tttttgaggc catcactggt 240

tatggtcttg gtgggtcttc tatggctttt 269

<210>   2384
<211>   164
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957555H1

<400>   2384

cggctcgagg cttggtggtg tcacatcgct tatttgtgga ttccttggaa tgaaaattgc 60

aacttacgcc aatgggagaa ccaccctgga ggcaagaaag ggtgttggga aggctttcat 120

tacggctttt agatctggtg cagttatggg ttttctcctt gctg 164

<210>   2385
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700953858H1

<400>   2385

cgccggtgag gccaggacat tggaggagca tctcgccgag gccgccatgg gaaatgcctt 60

cctcctccag ggcggagact gtgctgagag cttcaaggag ttcaatgcca acaacatccg 120

tgacaccttc cgcatcatcc tccagatgag cgtcgtcatg atgttcggcg gccaaatgcc 180

tgtcatcaag gtggggagaa tggcggggca atttgcaaag cctcgttcgg attcgtttga 240

ggagc 245

<210>   2386
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958333H1

<400>   2386

```
ttttagaact ttaatctcaa aatgtattca atattctttt gaaaatataa ttcataaacg    60

attttaaaac accacctcgc cgaggccgcc atgggaaatg ccttcctcct ccagggcgga   120

gactgtgccg agagcttcaa ggagttcaat gccaacaaca tccgtgacac cttccgcatc   180

atcctccaga tgagcgtcgt catgatgttc ggcggccaaa tgcccgtcat caaggtgggg   240

agaatggcgg ggcaa                                                    255
```

```
<210>       2387
<211>       247
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700963862H1

<400>       2387
```

```
ctcgagccga ttcggctcga ggaggggata acattaacgg agactacttt cgacgagaag    60

tcgcggattc cggatccgca aagatgatt agggcttatt gccaagccgc ggccacgctg    120

aatcttctca gagcttttgc caccggtggt tatgctgcta tgcagagggt tactcagtgg   180

aatttggact tcacggatca cagcgaacag ggagataggt accgagagct tgctaaccga   240

gttgatg                                                             247
```

```
<210>       2388
<211>       249
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700953162H1

<400>       2388
```

```
cagatgcgaa tgaattggac ctagtcctcc aaaccctctc ttctttttccc ccaatcgtct    60

tcgccggcga ggcgaggaat ctggaggaga agctcgctca ggctgccatg gggaacgctt   120

ttctccttca gggcggtgat tgcgccgaga gcttcaagga attcactgcc aacaacatcc   180

gtgacaccta ccgtgtcatc cttcaaatgg gtgtggtcct catgttcggt ggccaaatgc   240

ccgttatca                                                            249
```

```
<210>       2389
<211>       243
<212>       DNA
```

<213>   Glycine max

<223>   Clone ID: 700952432H1

<400>   2389

tggacatctc atgagtgctt attgttgcct tatgaacaat ccctcaccag gttggattca   60

acttctggtc tctactatga ctgttcagcc catatgctct gggttggggga acgaaccagg   120

cagcttgatg gtgcccatgt cgagtttcta agaggagttg ctaatccctt gggaattaag   180

gtaagtgaca agatggatcc aaatgagctt gttagactca ttgagatctt gaatccccaa   240

aac   243

<210>   2390
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906275H1

<400>   2390

gggagctaag gttacatggt cagagaacag tgtcactgtt tctggaccac cacgagattt   60

ttctggtcga aaagtcttgc gaggcattga tgtcaatatg aacaagatgc cagatgttgc   120

catgacactt gctgttgttg cactatttgc taatggtccc actgctataa gagatgtggc   180

aagttggaga gttaaagaga ctgagaggat gatagcaatc tgcacagaac tcagaaagct   240

aggagcaaca gttgaagaag   260

<210>   2391
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700905146H1

<400>   2391

tgcttccaga gaaaggttgg gaggttgatc tagatgctgt tgaagctctt gctgatcaga   60

acacagtggc gttggcgatc ataaaccctg ggaatccttg tgggaatgtg tacagttacc   120

accatttgga gaagattgct gaaactgcaa aacgggttgg aacaattgtg atctctgatg   180

aagtttatgg tcaccttgca tttgggagca agccttttgt accgatggga gtttttggct   240

866

ctactgttcc tgttctcact cttg   264

<210>   2392
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961605H1

<400>   2392

cttgggattc ttgttgacag agatgatcag ggcactctgc ttcagatttt caccaagcct   60

gttggggaca ggccaacgat attcatagag ataattcaga ggatcgggtg catggtggag   120

gatgaggaag ggaaggtgta ccagaagggt gcatgtgggg gttttgggaa aggcaatttt   180

tctgagcttt tcaaatccat tgaagaatat gagaagactt ggaagctaa aagaaccgcg   240

taagcacatt ggaagaacac aaatactc   268

<210>   2393
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906510H1

<400>   2393

gttgacagag atgatcaggg cactctgctt cagattttca ccaagcctgt tggggacagg   60

ccaacgatat tcatagagat aattcagagg atcgggtgca tggtggagga tgaggaaggg   120

aaggtgtacc agaagggtgc atgtggggt tttgggaaag gcaattttc tgagcttttc   180

aaatccattg aagaatatga gaagactttg gaagctaaaa gaaccgcgta agcacattgg   240

aagaacacaa atactcc   257

<210>   2394
<211>   514
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a01d1

<400>   2394

acactaaaaa cagtttctct tttatacata ctctctgttg tcatttgtca acactacaaa   60

```
aaatgaaaaa gtaaggtaga atctttaatc attcacaaat atggagcagg ctgcagaggg   120

cattctgtat tctaagataa tacatatgaa agatgttaca tatataggct attcaaacag   180

tggctggtac tggagttgaa ggagcaacac ggttttcagc tggaatttca acaaactcag   240

acaatatagc acggaattca tctccgctca gagtctcctt ctccagaagg acttccacaa   300

tcttgtcaat ggcctcacgg ttgttcctta tatgctccag tgcaatttca tatgcttcat   360

ctgagatcct cttgatggca gcatcaatgt cttctgcaag cctctctgac attgagttcc   420

ttgccatcat tctcatgatg acatccccac cttgtgctga tggttccata agtgaccaag   480

gaccaatatc agacattcca aatgtggtca ccat                               514
```

```
<210>      2395
<211>      474
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050a02a1

<400>      2395

agaggggggtc agagtgagaa agagaaagag agaattcgta aaccctaatt tcggaaagat   60

cggcgatgac tgcctccaag gatcgcgaga acttcgtcta catcgccaaa ctcgccgagc   120

aggccgagcg ttacgaagag atggtggaat caatgaagaa cgttgcgaat ctcgacgttg   180

aactgacggt ggaggagcgg aatttgcttt ctgttgggta caagaatgtg attggtgctc   240

gcagagcgtc ctggaggatc ctgtcttcca ttgagcagaa ggaagaaaca aaagggaacg   300

agttgaatgc gaagcggatt aaggagtaca gacagaaggt tgaattggag ctatcgaaca   360

tctgtaatga tgttatgaga gtgattgatg agcaccttat cccttcggct gcaacttgtg   420

aatccactgc gttttactat aagaagaaag gagattatta tcgttatcct gctg         474
```

```
<210>      2396
<211>      510
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050a02d1

<400>      2396

gcttatatct tccattgttt caattgtata atttcatcta aacaatattc agaaaaaatg   60
```

aaagaaaata tcctcataaa tcatgtttgc tatctcccct actaaataat tagactccat   120

ctatacctca aaccccacgt aggatttatg tacaaacaga cgaaagaggg ggcaaaaaat   180

aagtgaaatt taaagaggac cttggacaac tttcaataac caagtttagt cccactctgc   240

ctatctaccc atgcatcgtt aagctaagct atgtactcat tcaccttttg gctttacttt   300

gtattgtttg gacctgaagt gacgattgtg atccaccact gagtgcagca gcagcagatt   360

caacatgtgt aagaagatat tcatatatct tcttcctcaa ccggtcaatt gtctctgctg   420

atatctcgca tgattctccc tcatccttgc tcgatcctat ctcatctaac caatcattaa   480

cactctttag ttgagtgagc attcctgcta   510

<210>   2397
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a03a1

<400>   2397

catgttccct caaggagcag atgcatatat tgatgaactt gcatcagtta ttccaattgc   60

agatggttct gtcagaacag cactggacac tggttgtggg gttgcaagct ggggagccta   120

cttgctaaag agaaatgtcc tggctatgtc ctttgctccg aaggacaacc atgaagcaca   180

agttcagttt gctctagaac gaggggtacc tgctgttatt ggtgttcttg gcaccatccg   240

ccttccatac ccatcaagag cattcgatat ggcccagtgt tctcgatgtc tgataccatg   300

gacttcaaat gagggaatgt atctaatgga agttgaccga gtcttaaggc ctggtggata   360

ctggattttg tctgggcccc caattaattg gaaaacatac taccaaacat ggaagcggtc   420

caaggaagat ctgaaggcag aacagacaaa acttgaggag ttagctgaaa gtctttgttg   480

ggaaaagaag tacgaaaggg tgatattgct atttggagaa agataataat   530

<210>   2398
<211>   433
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a03d1

<400>   2398

```
cggattcgct tgctcgttac aagtcttata gtaaatgcag accggtacca tccatgaaga    60

aaaaaaattg gctgccgtgc cgacgctgtt tatggactgc tgttgcggct cgacctgccg   120

aagtcatctt tcatcccatg cactgaacgc ctaatgctcg tcgtaatccg tcgcttaaaa   180

gaccatctgg tgtggcctgt ttgagctgcg gaggctgaag ctggcaccga ggtagtcggc   240

aaggtgggcc tccttcttga tgggggctaa aagtgccttg tcgacagact tttggtcctc   300

aatacgggcc tttgcggtct ccttcttctc gggcttctcg ccctgcttga agaacgagtc   360

cttaccgggc ttgcgggcgg ccttgtcctt ggtgaagtaa ccattctctg tgaccttgtc   420

caagaccttg gag                                                       433


<210>      2399
<211>      545
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220050a04a1

<400>      2399

gttctaatta cattgactat aacggcatag agaagtccct tgatgaagat cggagtaaac    60

ttgagaagat aattcaaggc atggctgcta gtagccttag atgtattgct tttgcttgca   120

tgaaaatttc agaagacatt gattataacg ataaggagaa agtgcatcaa atccttagaa   180

aagatggctt gaccttgcta ggtattgttg gcctaaagga tccatgccga ccagacgtca   240

agaaggctgt ggaaacttgt aaacttgcag gtgttagcat caagatgatc actggagaca   300

acattttcac tgcaaaggcc atagcaacag aatgcggaat tttagacctt gatggccatg   360

tgaatgcagg agaagtggtt caaggtgtgg aattcaggaa ctacacagag gaagagagaa   420

tggagaaagt cgagaagatc cccgtgatgg caagatcgtc ccctttggac aaacttttga   480

tggtgcaatg cttgaaaaag aaaggtcatg ttgttgcagt cacaggagat tgcacanatg   540

atgca                                                                545


<210>      2400
<211>      545
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
```

<223>   Clone ID: jC-gmf102220050a04d1

<400>   2400

agtaaaacac cttctattat ttgaagccac aaagttcagc agaaccacaa tgaacaccag   60

gaaatattaa ttgattatct caagtgtttt ttttagtagt gagacaatgt aactcaaaat   120

tataaaggat aacaatccaa tatgaacaag ataaattatt tgattatatc aagtcatagc   180

ttctcttcaa gtggagaatg cttaggttct cagggtgtgt ataagcaggt tccatcatca   240

cttcttgcag ttgggtcgaa gtttgaggca tttggatcag tacaaccttc aggaacggga   300

atttttactt gctgggctgc tttgccatag aaagttcctc ttttgatggc atcctgatta   360

gcatcaccaa gagcagcctc gttcaagtac ttgtctgcca gttgtactct cttcacattc   420

tcttgntctt ggacaagcat gttaccatac tccaagagct tgctcaaagt catcttcggt   480

tggtcaaagg ttggaggtcc ttccttggag ttcacaagct tcttccaatc aagtcaacac   540

caaca   545

<210>   2401
<211>   511
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050a05a1

<400>   2401

gacccatcaa gtttgccaaa atatgttccc agcaaggaga ttgatgctaa attacgggat   60

gaagccgtaa ggcaaggagt tgttggaggt agggaacaaa aagttgcctc aggagttaga   120

caagaaaaag gacacagggc aaatgtcaca gcaaaagaca atgctgaccc aggcttagca   180

gtgcagcaag gacactgttc cagctcaagg aaccaaagtg aattatcaaa ccctcataga   240

ggatcggtgt ctggaattct ggttttccct cacaaacagt cagaaaaaga aatgaatgat   300

aatttctctg ggcatcttta taagaggcct tcacattcag gcccattggt tcctggttct   360

gtctgggcaa aaggcaggaa agaagttgat gatgtgcctc ctgtttcaaa cagagtgaac   420

ctattaaaac tatctgggct agtggcatct aggactttct ctgaagatca ggaggttaaa   480

ccagttcact cgaaccacag aaaaccaatt g   511

<210>   2402

<211>   506
<212>   DNA
<213>   Glycine max .

<223>   Clone ID: jC-gmfl02220050a05dl

<400>   2402

```
aaagcttaga gaataacaat atatttatat aattttactc gtgagtaaca acaaccactt    60

gtttaccaac attgcgaccg gtatagaggc caaccaaggc tgcagggccc ttctcaaggc   120

cctcagcaat gtcttccaca tacacaacct tcccttctct gatatgaggc aggacaaact   180

ccaagaattt tggatataaa tgatagaaat cagttgcaat aaaaccttcc attttaaccc   240

gcttaaatat gagatttgcc aaatttgtta caccatcgaa ctgagtaaga ttgtactgcg   300

agatcattcc acagacaggt atgcggccat gaaatttcat gtttgggagt actgcatcaa   360

gtgtcttgcc cccaacattc tcaaagtaaa tgtcaatgcc ttctggaaag taccttttca   420

aagctgcatt gaggtctggc tcttcttgta gttaaaagct tcatcaaatc ctaatttatt   480

cttcagcaga tccaccttct ctttac                                       506
```

<210>   2403
<211>   575
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a06a1

<400>   2403

```
gagcaaagcg tcttgctatc ataggatgga tttgccttgt tttcaacatc agtgtctttg    60

ctgcgcctct cttcattatt aggcgtgtca taaagacgag gagcgtggaa tacatgccat   120

ttactttgtc aatgttttta accatcaatg ctgttatgtg gttcttctat ggccttctcc   180

tcagggatta ttacgttgct cttccaaaca cacttgggtt tgtcttcggc ataattcaga   240

tggggatgta tttgatgtac agaaacgcca ccccagtggc actagaggag ccagtgaagg   300

ctcaagaatt gaatggccac atcattgacg ttgggaagat gggaacaatg gaaccgaatc   360

acgcagctac tgctggtgct gttggcaaag tttgaatatc accattgaga ttatatgaat   420

gtggagaaac aagggatcaa tgacaagaaa agttaaaaaa agggaataac ctaaacttca   480

attactttac tgagtgaggt cacatctaat atcactcata tctacaatgc acgaatagta   540
```

872

agtagtattt ggtataagtg taaattagtt cgatt   575

```
<210>      2404
<211>      502
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220050a06d1

<400>      2404

aggacttaaa agaattatca cttgaatgaa ttattagttc accaaactgt gaaagctaga    60

ctttcataat tacaaactgt aactaacatc gaccccttat agatatgttc aatatttgtt   120

caataacaag tatatttctc aactgcctga aggtctagtt agtgtatacc aatgtgacta   180

gcaattgaca ggaaatttgc caagagaaaa cctttcagga agaagctgaa tgacatgcat   240

tttgcgggca aaattttgat agatcatatt tccttatgtg ctggcactag acaccaattc   300

cgaactttca acattgcttc ctacattttt ctgaattact ggaggagatg aaggtgtcct   360

tgcttcagcc aaaattcaacc gcaagggccg accttgtacc tncacaccat tcatgatgtc   420

caaagcagcc cgtgcagatt cggcagtttc aaaagaaaca aacccaaaac ctcgagatct   480

tccactgtcc ctctcataga tg                                            502


<210>      2405
<211>      528
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050a07a1

<400>      2405

ttcatataat attgcttctt ggttcattct agctaatttt gatggctctt ccaatttgtc    60

tcaccgttat tgcaattttc accctttgct gtgtcattaa ttgtaacaat ggcgttgaag   120

cgtttcatga catatacccg gatcttcaat ccatttcagc acgttcggtg agcaaacttc   180

agagaactgg ataccatttt caacctcgta agaattggat caatgatcca aatgggccca   240

tgtactacaa tggaatctac catctatttt accaatacaa cccaaaagga gcagtttggg   300

gcaacatagt gtggggacac gcagtatcaa aggacctcat caattggaaa gaacttgaac   360

ctgccctata cccatcaaaa cccttttgaca aatactgggt ttggtccggg tcagccactg   420
```

tactcccggg ttaaggaccc gtaatccttt atactggagt cattgacaag caaagcaatg   480

aggttcacat tgatgccata cttgaaacaa aatccaccca atttttag   528

<210>   2406
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a07d1

<400>   2406

ctattcgcct aagccccgat gacaagcagc ctaacggaaa acaaagagca gcccaccgaa   60

aaaggaaaaa agagagagac aacaaaaaaa acaaacgggg aggccgaaaa gaggagcacc   120

aacagccggg ggacaaaacc caaaaaggaa aaaggaaagg ggggcgcact aaaggccccc   180

aaaaaaaagg gggggggggg gagaaaaacc acacggagga acgagcaccc cgaaaacccg   240

gggggat   247

<210>   2407
<211>   535
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a08a1

<400>   2407

ctcccacacc acacccatga cactcctcct gctccttatt ctcctctttc acgcggcgga   60

agccaaggga cagtggcagc tcctccacaa aaacatcggc attgtcgcca tgcacatgca   120

gcttctccac aacgaccgcg tcatcatctt cgaccgcacc gacttcggac tctccaacct   180

aaccctcccc gacggaagat gccgcaacaa cccaaacgag ttggtcgtca aacgcgactg   240

caccgcgcac tccatcgaat acgacgtcgc agccaacaca ttccgcgctc tctttgtcca   300

aaccaatgtc tggtgctcct ccggttcggt ctctcccgac ggaacattag tccaaaccgg   360

tggcttcaac gacggctacc gtgcggtcag aaccttcacc ccgtgccgct cgtgcgactg   420

ggcagaagtt cagcatggac tcgcggtgca tagatggtac gccaccaatc acatcttgcc   480

agatggacgt caaataatta tcggaggaag aagacaattc aactacgagt tttac   535

874

```
<210>      2408
<211>      425
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220050a08d1

<400>      2408

aaacaagagt tatatattat tgctttattc atttatttga cattttataa cttgggaatt    60

gtatatgaaa ccagacacta cagataaagc atttgcttag taatggctat tgtacatata   120

ttgatatata gcacttaaac tgcagtgcca tatatatgta tatatactaa ccagctagtg   180

gctaagttta gtactagatg catttttaca caaacttgtg cgtcctcttt tggtggttat   240

aattaggtga gaagggttta aagtttgata tgattgcgtg gttgcttagg ttgttttttcc   300

atgaataaga ggcaagtcaa cttcatcaca ccactcgatg tacctagttt caaaataaga   360

acccttttgct tggttgggca aatagctaac ccaaaactct ccccctattc tncactttag   420

cacac                                                              425


<210>      2409
<211>      328
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050a09a1

<400>      2409

attttctcgg gatccgccga ttcaccgtgc gatcccgggg tttcttcttt tttttcttct    60

tcaaccccctt cttccatttc ctcttccttc ttcttcttct tcttcccccc cccccccccc   120

taccccaccc ctttttttccc tttcaatttt caatcttgta tctcgaaaag aaatgacaaa   180

tacaaagaaa taggatcaat gaacgatcat ctggtgctgg tcgtggacca tctggtgcgg   240

cccgtgccgg tggtcgagcc gctgctggag ctggcggaga ggcgtatctg cctagaggag   300

gacagtgtca gcgatttgga gaccccct                                     328


<210>      2410
<211>      96
<212>      DNA
<213>      Glycine max
```

<223>   Clone ID: jC-gmfl02220050a09d1

<400>   2410

cgggactgtg cccaattaat tccctggtcg acaggctcac tggtcggacg gcgcggcctg   60

ggcgctttc ttcttaattt gccacatttg agtcct   96

<210>   2411
<211>   457
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050a10d1

<400>   2411

agttggttgg atttatggat cggtgatgtt tattttaaac tgcgttatct atccgaatct   60

tcccaaagga attgaagata accatatatt gctgagatcc attgatgttc ttattggatt   120

tatgttttt ttttttaata aaccacgtta tttcaatgtg atgtgaatct atatgattga   180

gcctgataaa catcctttgc ccctactatg actgcatttt ttttatttga tatggtttgg   240

tttcttccac tggtagagct tcagttcgag gttctaaatt atggttgttg cgattttgtt   300

gtacaaacat tgacattgtg gcctaaatca aggtcgcaca ccattttta aaaaaacttg   360

ttttaagctt tgaatgggta ttgaatattg nttgtatcag ctatggattt taccagctgc   420

agagttctgt tgtgtatttt gtatatttat tctattt   457

<210>   2412
<211>   417
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a11a1

<400>   2412

ctggaattcg agaagctaat caatcgtttg cggttgcttt gttcctcctc tcatggttag   60

gggaggaagg tttagcggca aacgcaattt caggaaaagg gttcggtcaa aggagggagg   120

ttctgatgat tcggatgaag actttgtggt ttcagatgaa tgttgagagg catctgacta   180

ttactgctcc tccttagatg gatgcgcatc agatgagggt tttgatagtt ttatggaaga   240

agaggacgag caatttcgaa gagtgaggag tatcaataga ttcaagtcaa taaagggcat   300

```
tgctggtcgg cggaaaaatg gcagttaaag ctcacacagg aggggaagga ttacatatgc  360

cgaagaagaa gacgtagaag aggaggacga ggatgatgaa gagtttgaag acaaata     417
```

<210>   2413
<211>   603
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050a12a1

<400>   2413

```
ggaaaaatcc ttatcagatg gggatgcaaa tgtaatatta tcgagggagg agaatgacag   60

tcattcaagt gttgagagct gtaacagtgc tggctttttt tcaacaggta agaagagacg  120

taactttcaa caacagttga taattgggag ttaaagagtc aaaaagcata ttgaagaatc  180

ttctggtttc aaatcctatg ttaaacagga tagctcattc atgaactgga tttcaaacat  240

ggtgaaagga ctccaacaat caattcaaaa tgattcaaac actttggctc ttacccttac  300

aaatccagat catcataatc tactgcctga cgagaaactt ttcacatgca atatgaatca  360

agatcccgag ccaaaaaata caggattcaa gtcctttttt cagtccatat attgtccaag  420

cttgaagaat ggaggaacga gaatgtctca tcaagaaggg aagagtagtg atgatttaga  480

gccaggtaac atggaacatg gaatagatgc tacnttcaat acctattggg cagaaaacaa  540

tagtctttcc aaactgcgtn tgcaatcaaa taagtttgaa gtatctattg ggggaaaatg  600

atg                                                                603
```

<210>   2414
<211>   344
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a12d1

<400>   2414

```
agaaacggga aaacatattt ttttttttata taaaatccct tggaacccca ttaaacggaa   60

aaaccccgga ggggataaac cagggtaaaa aaaaggctgg cagaaccaat ttatgcaaac  120

cccccagcat ttttatcctt cccaaaaaaa accctttttt tttactagca aagggaaggg  180
```

877

```
cttccttagc aaggggattt acatccggaa ccggggggtg gaccttagca actttagcaa    240

tagcctgggt tttttaaggg ggtccacctt tcaaaaagac cccgaaaact tttccgtgtt    300

taaaccagta tggcccaaac tttggctttg aaaaccccgg attg                     344


<210>      2415
<211>      455
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050b01a1

<400>      2415

agagggggtc agagtgagaa atagaaagtt agaattcggc aaccctaatt tctgaaggat     60

cggcgatgac tgtctccaag gatcgcgaga acttcgtgta catggtcaaa ctcgtcgaac    120

aggccgtgcg tctcgaagag atggaggtat cacagaagaa cgttgctaat ctcgacgttg    180

aactgacggt ggaggagcgg aatttgctat ctgatgggta caagaatgtg attggtgctc    240

gcagagcgtg ctggaggatc ctgcctttca ttgagcagaa ggaagaaaca aaagggaacg    300

agttgaatgc gaagcggatt aaggagtaca gactgaatgg tgaattggag ctatcgaaca    360

tctgtgatga tgatatgaga gtgactgacg agcaccttat cccttctgct gcaggtggtg    420

aatccactga ggattactat acgatgaacg gagat                               455


<210>      2416
<211>      541
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050b01d1

<400>      2416

aaaatcagaa tatttcttcg gagtggatat aataattgtt gaagcgtaca aaatttaaca     60

aatccaaaaa agataagatg atttgggtga gctttcactg tgacttacgt ctatagtgaa    120

gagagctaca ctgaaagctt aggccataga aatagagcta cagaatacac ttatacacct    180

aggcattagt aacttatata agtgaatatt atggcactat tctgagacct taatgctttc    240

acttgtgagc cacatcttct tttgaattat aagcactact tcatcatcat catcatcttt    300

accttgatct acatcatata tggtcacagc attccagtgt aatgctgaca ggtatttctt    360
```

878

tatgtactcc accatggaac gcttatcatg gatgatgatg aaaccctttg gccttaggat   420

tctgtcaatc tcaattaata aatcctctgg actgcattct ttcttaataa tatcagaaaa   480

cacagtccat gcatggagta gatcgtacgt tcgagggtag gttgaaaatg cttcacacca   540

g   541

<210>   2417
<211>   519
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b02a1

<400>   2417

gtaggttgct gcaaaaactg ccagccatgc caacaagaca ttgagaatta ctgcagcaag   60

aagatctggt cttacaatga tgtttatgtc gatggaaaac ccacacaggg tggctttgct   120

gaaaccatga tcgttgagca aaagtttgtg gtgaagattc cagagggttt ggcgccagag   180

caagtggcac cattactgtg tgcgggtgtg acagtgtaca gtccactggt acactttggg   240

ctgaaagaga gtgggctaag aggtggaata ttggggcttg gaggagtggg acacatgggg   300

gtgaagatag caaaggcact gggtcatcat gtgactgtga tatgctcttc tgacaagaag   360

aaacaagagg cacttgaaca ccttggagct gatcaatatc tcgttagctc tgatgccact   420

gccatgcatg aagctgctga ttcacttgac tacatcattg acactgtgcc tgttggtcac   480

cctttttgagc cttatctctt cttgctcaaa cttgatggc   519

<210>   2418
<211>   592
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b02d1

<400>   2418

aaaatcagaa tatttctttt gagtggatat aataattggt gaagcgtaca aaattaacaa   60

attcaataaa gataagatga tttgggtgag ctttcactgt gacttacgtc tatagtgaag   120

agagctacac tgaaagctta ggccatagaa atagagctac agaatacact tatacaccta   180

ggcattagta acttatataa gtgaatatta tggcactatt ctgagacctt aatgctttca   240

879

```
cttgtgagcc acatcttctt ttgaattata agcactactt catcatcatc atcatcttta    300

ccttgatcta catcatatat ggtcacagca ttccagtgta atgctgacag gtatttcttt    360

atgtactcca ccatggaacg cttatcatgg atgatgatga aaccctttgg ccttaggatt    420

ctgtcaatct caattaatta aacctctgga ctgcattctt tctaataata tcagaaacac    480

agtccatgca tggagtagat cgtacgttcg atggtaggtt gaaatgctta caccagttgt    540

aactggtcta ttagtcctct gtcgatatta tcttgagatt tttgtcattt tt           592
```

```
<210>      2419
<211>      557
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220050b03a1

<400>      2419

attcatcaca acttctctcg tacctctgca gagaagtaaa catataggag tgagagggag     60

ggagagagaa ggaaagcttg gtagcgatgg ggaaggagca agttcaggtg ctgaatgccc    120

tggacgtggc aaagacacaa tggtatcatt tcacagcaat catcattgct ggaatgggct    180

tcttcactga tgcttatgat ctgttctgta tatcactagt cacaaagcta cttggtcgca    240

tttactacca cgttgatggg gctgcaaagc ctggttcatt gcctcccaat gtgtcagctg    300

cagttaatgg tgtagctttt gttggaacac tttcaaggca actcttcttt ggctggctcg    360

gcgacaaaat gggccgaaaa aaggtctatg gcatgaccct tgcgcttatg gttatagctt    420

ccattgcttc gggtctatcc ttcggacacg atgcanagac tgtgatgaca actctatgct    480

tctttcgctt cttgcttggt tttggcatgg tggagactac cctattcgcc accataatgc    540

tgagattctt aatagag                                                  557
```

```
<210>      2420
<211>      318
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050b03d1

<400>      2420

cagcgtggtt gtttattttg atagctctat catatgataa aaattcatat gagaaagctc     60
```

ccaaaataaa caaattgata ttctatacct gcccggagca gagcctcaag tgaatttacg   120

gttatatgag atcatgggtc atactcaata gacccttttg ttcaaaacaa gctatttgag   180

cggctaaacc actaataata ggcaatggcc ccgagtctcg atcatatacc aaatgacgat   240

agattcaaga gtctgaagtc taccatgctg ctactgcagt tagtgaacca agccatacac   300

cactaaatac gcttgtaa   318

<210>   2421
<211>   515
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b04a1

<400>   2421

gaagaaactt aatcgatcat cacttcactt cactaataca tcatggcaga cgagacccag   60

aacaagtatg agagctctga ggttgaggtc caggatcgtg gtgtttttga ctttctcggt   120

aagaaaaagg atgaagaaga caagcctcat cctcaggagg aggtcatcgc caccgagttt   180

caaaaagtca ctgtctcaga ccaaggagag aacaagcaca gcctcttaga aaagcttcac   240

cgatctgaca gcagctctag ctcttcaagt gaggaggaag agaagatgg agagaaaagg   300

aagaagaaga agaaggaaaa gaaagggctg aaagagaaga tcgaggagaa aatagagggt   360

gatcatcatc atcacaagga tgaggacaca agtgtccctg ttgagaaagt tgaggttgtt   420

gaaacagcac atgctgagga aaagaagggg tttctcgaca tgattaagga gaagctacca   480

gggcacaaga agacagatga ggccacagct actac   515

<210>   2422
<211>   404
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b04d1

<400>   2422

ttgtcttttt ttttttttt ttttttttt ttttttttt ttttttttt tattttttt   60

ttttttttt ttttattgta cagagccaaa ttccaggctt acaaaccggg gaatccgaat   120

taaaagatct catgaagggt aacctaaagc aaattcaggg gggggtgttt taaaaggtca   180

881

taatgggggaa aacctgggggg gtccccaaat aaaatggcac gagacatatg cccattgtgc   240

caagtgggga aagaacgaaa agggcctgac cgatggccct taccaaaagg agcgcaaact   300

gaatgggaaa ggggaccccc cttgtgcagg ctgcttaaac gcggccgagg ggggggtaac   360

ctccggcagg aacgctgcaa tagccggggt cttaaagccc gtta   404

<210>   2423
<211>   494
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b05a1

<400>   2423

gcaattttat aggtcctcca agaaagagag agagagagag gaaaacgaaa ccaagggaga   60

aaaacaacca ccgtccaaac caccaccaac aacgtacgtc ttacgttgtt acatggccac   120

tcgtgttatc ccaccaagaa tcctaaggaa gcttcgctac aacaccgtca caaaacccct   180

caactcctct caccctcctc tctccccgtc tctctctcct tctccctgcc tcctacctgc   240

tccgctgccg tcccccgccg tgctccgtcc ctccgccgcc gcctccgacg acctcagctt   300

ccgcgacgtc gaaaagctct tctcctctgt ctccaccacc agcctcctcc gctcctccgc   360

cgtgctgcac gccaccgtcg tcgagcccat ggttgacttc ggcacatggc tcttgcgatc   420

aaatctcatg cacgtgcatg catccgcga cctcatcctc gccaccgtcc gcaacacctt   480

cttcgaccac tttt   494

<210>   2424
<211>   406
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b05d1

<400>   2424

aaggggcccc tgtaactcaa aatttttgag gaagacggtc caatttgaaa aattttgtag   60

gatcatctca aacttagcat cttttttttg cccctaaaac attgaaaatg ctaaaaatgt   120

tacccgcaag ttccattaca acttttaccc cttggattag tccaacaacc tttacgaaca   180

gaaattttta cttgccaagt ttgctttgcc tccaattcaa gactggaaaa aagttcccct   240

882

ctgaatagca tcctcgttag catttccaag agcagcctcg ttcaagtact tgtcagccaa   300

ttggactttt ttgacattct cttgttcttg gacaagcttg ttaccataca gcaagagctt   360

ctccagagtc attttgggct gctcaaaggt tggaggccca tctttt   406

<210>   2425
<211>   560
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050b06a1

<400>   2425

tagcattctg actcataccc aaattattta ttgtttgtct acgaaagcag tgaaaaaaaa   60

tgacagtgga gcttatgggg ttccccaaaa tggaggaaca gaaggcaatt caagaagctg   120

ccttcgaaag cctcaaggcc atggaacacc tcctccgtct cctatcctat caaccctctc   180

acctccacgc tcaccacacc gacgccaccg tttccaactt caaaaaactc atctccttac   240

tcagccgccg caccggtcac gcccgtttcc tgcgcgcacc tcttccttcc ccgccaccgg   300

ctaacccggt cactctccac caacctgcct tcaccttcgt cccttcgcac tcccagtctc   360

taaccctcga tttcacaaaa cctagcattt tcgcctccaa cgccaaatcc atggacctcc   420

aattctctaa agaaaccttt agcgtctcct tcaactgcta cttcatgtcc tncgtcataa   480

ccggcgacgc cagtgtctct tacagtaaac taggatcctc tctctttctt acttcttcgc   540

cagtctcagc cggaaacctt   560

<210>   2426
<211>   598
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050b06d1

<400>   2426

gaactcaata taccaaagca atcaaacttg cgcttcttgc atatttttgc aaatggacat   60

aacatatata attacgtatt taatatatat tatgcaaatc actaattagt agtagagcta   120

atagtagtaa taatagcact aggaataata tagtaattaa aagaaaaatt aagaagctag   180

883

catcagatca tacacttgtg attattttga ccctcaggaa tgttgactgg tggaatcacg 240

tccatcgtct ccgccgtgat gttgcccggc actcccgga ggctccgaga cgccgttcgc 300

cggaatctgc ctgtaggcat taagggctgc aagcatgcct aagttacttt cattagaagt 360

tgagcaccgc cgttgccacc accggcgtca ccgtcaccaa cgataccgga acctagttga 420

cctccgggca taaggttcat cggagaagcg aaattcatga aatgaatgcc acctggagca 480

gacatagctc ctctatacac accactattc ccaacagagg gaantgccca atgggatatt 540

atcgctgcta catgggttgc accgcgcgtt gcacacacta tgggtggtgc ggaccgca 598

<210>   2427
<211>   492
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b07a1

<400>   2427

caacaacaaa aaaaaaaaaa ccatcccttc tctccaaaac gaccaaccaa aggcaaaacg 60

cacaacaacg atgaagaagc agaagcgctc ggaccctcaa aacgacacca ctaaccccct 120

cgaggttctc acggaggagc taatgttcgt gatcctggac ttcctcgaaa cggcggcgcc 180

gttggataaa aaatccttct cgctgacgtg taagtggttt tactcgcttg aggcaaaaca 240

ccgtcgtttg cttcggccgt tacgggcaga gcacctgccc gcgctcgcag cccgttaccc 300

gagcgtaacg gaactagatc tctcgctgtg cccgcgcgtg ggcgacgacg cgctcgggct 360

tgtcgacggc gcgtacgcgg cgacgctgcg gcggctggac ctgtcacagt cgcggcggtt 420

cacagggagc cggcttatga gccttggcgc gcagtgccag tacttggtgg agttggactt 480

gtcgaacgcg ac   492

<210>   2428
<211>   516
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b07d1

<400>   2428

gcactatcta atgttgaaat aaataaagaa atgcttattt gattgaaaat acattaattt 60

gtaatgtata ataataataa taatgatatg ggggtatagg tacaaatttt gctaacattt 120

tgtacacaaa tactttcccg cagaaaaacg gtgaaggtga ttgattgctc taatcaccgt 180

tcaaaaagat caccatcgaa atcaagcctt gaagtccacc atcaatttgt tcaacttctt 240

gttgttaatt ctctgttcga taaaactctt cccgtagtca tcactttgct gcaaggagga 300

agaggcacca ggcgtcaact tgcgggcgag ctgaacggcg tcgtcgtggg tgttgataat 360

gtgattgaaa cacaaataac gaccgtagga tgagacattc tcgtagacgc agatgtgggc 420

gtcgaccaag aagctcaaat caacggtcac gaacacccca tcctcggaca tctttgcggc 480

tcctcttacg taaggctgtt tgaccgagag atcatg   516

<210>   2429
<211>   507
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b08a1

<400>   2429

gtgaggagga aaatgatgat gaattggctc ttgtgccttg ggtaccttca ccttcttacc   60

agttctccgc tgttgatgat tctctcaaca caaatgtcga gttgatggaa gctgatgaaa 120

tgggagaagg agaaggtgtg ggatccatga tgatggatat tgaacaagaa gatgacactg 180

acactgacgc taaaacttca acatcaagca ttcactaccc aacgacacac ggtggaataa 240

cagaggggtt ccagcaacac tgcttgttac caaagcttcc tcacaacacc tcaactccca 300

ttacatggac ccgctgaaat ttggtttgat ttttattttg atagtatata ccactatttt 360

ctttgctgtt aagcaaggtt ttctcctatt tgggataaag gggtactaga ctagaaccta 420

gtggaccaaa ctagtattta gcttgctttt gcggtatggg aatctttcct tggaagaagc 480

catccaagtg caacgaataa aagaaat   507

<210>   2430
<211>   459
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b08d1

<400>   2430

885

gcattaaaat cctatattta ggagcaagag tattgaaaaa ataacacaag ctttctcact   60

tgcgagtgag tacctatact tactgaccct ttttgaggtc aaatcaaatc cacatgccat   120

ttgctccccc atacttggaa ccaaaagatg atgcatgaaa ataactagac tctctttcag   180

aatggggaaa cccccctctc tgcctcattg acaagattac aaaatcttta caacctatac   240

aaaatttaac agattcagta actgaagtta gaagatgaga tcctccattc tttctaagtg   300

gagtctggat aatgaagcca tgtaaatgaa tgccattact tttttgagaa agtgagatat   360

gggtcttgag caatggttaa tacatctggt ctctcagcct gggtatatgt tagacaccgt   420

cgaataaaat cctttgcctc attagaaatg gtaggtcta   459

<210>   2431
<211>   496
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220050b09a1

<400>   2431

tgattttttct ttgaacagtc ctggcatggt aaacccagct tccaggcaga tctacttgac   60

tttcccagca gatagcactt tcagggagga agatgtttca aattacttca gcatatatgg   120

tcctgtccaa gacgtgagga tcccatacca gcagaagcga atgtttggtt ttgttacctt   180

tgtttatcca gagaccgtga agcttattct atctaaagga aaccctcatt ttgtgtgtga   240

tgcacgagtg cttgttaagc cttacaagga gaagggcaaa gtcccagaca agaagctgca   300

gcagcagcag gtagatagag gagattttc accatgtggt actcctactg gattagatgc   360

tagagaccaa tttgatcttc aacttggagg cagaatggtc tacaatactc aagacatgct   420

gtggaggaag aagctggagg agcatgctga tttgagcaag ctcttgagct acatagtang   480

aggctaatgg gtctac   496

<210>   2432
<211>   491
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b09d1

886

<400>   2432

gcataaacgc agttcatagt ttcatatata tctttataaa tatcatatgg tgatgaaggt   60

ggctaggcct cttcattgca gatacacacg acctctaagc atggcccta tagcttccaa   120

tggagaatgg tggccacatc tttaacctaa caaagaagaa aaatgcagtg gtgaaagacc   180

ataaaaatat tacacgttcc ttgaacaaaa cggattgaac ttcaatttgg aatagagggt   240

gatatgtgga gaaatctcca tatccacttt tattattagg aaattcagca catgcatgca   300

ttataacaag agcaattaat tacagagtac attttagata ggagaatact tagggaacca   360

agatgaggtc attgataatg gttgatgttc atacggagaa agaggatgca aggccaaact   420

gaaggcccca aagctcaaaa gatcctttaa caaagtcata ggatcctcct ttcagtgaca   480

atggttttgg t   491

<210>   2433
<211>   548
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050b10a1

<400>   2433

aagaacactc tcttgaacat tcatggatcc agtgagcgtg tggggtaaca cgcccttggc   60

gacggtggat cccgagatcc atgacctcat cgagaaggag aagcaccgcc aatgccgcgg   120

catcgagctc atcgcctccg agaacttcac ctccttcgca gtcatcgagg ccctcggcag   180

cgccctcacc aacaaatact ccgagggcat gcccggcaac cgctactacg cggcaacga   240

attcatcgac cagatcgaaa acctctgccg ctcacgcgcc tccaggcct tccacctcga   300

cgcccaatcc tggggcgtca atgtgcagcc ctactccggc tcccctgcca acttcgccgc   360

ctacaccgtc gtcctcaacc cccacgaccg catcatgggg ctggatctcc ccttcggcgg   420

ccacctcacc cacggctact acaccttcgg cggcaagaag atctccgnca cctncattta   480

cttcgagagc ctnccttaca nagtaaactc caccaccggc tacatcgact acgaccgctt   540

ggaggaaa   548

<210>   2434
<211>   426

<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b10d1

<400>   2434

aaaaccatgt gcaccagaga ggtttacatc ttgttccaac acacttattt cattagatac   60

cgccgttcca tccaatgaat ctagtgtaga caaagctttt ttgggtgcac caacaagttc   120

cataaaatca gcaccactat taagcagatc tgtatatttt ccacattgag taattttccc   180

atctttcatg accaatataa ggtcagcagc aggtaagaac tccacttgat·gagtgacata   240

aaccactgtc tttgaacata aaaggcctag caagcattcc ttaaagaggt gagatcctgt   300

gtgagcatcc acagcactga aagggtcatc aaatagatat atatcagcat cttggtaaag   360

tgcacgtgca atttgtattc tttgcttctg tccaccactc aaatttattc cacgttctcc   420

tataat   426

<210>   2435
<211>   605
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b11a1

<400>   2435

tggctcccag aaggcccttt cccttcccac tgggataggt attgtggttg caggccctaa   60

agctattgag gcctcaaaac atgctaaatc acttagagtt ttctttgact ggaaagacta   120

cctcaaattc taccagctag gaacctattg gccatacact ccttccatac atttgctgta   180

tggtctgaga gctgctcttg atctgatttt tgaggaagga ctcgaaaatg tgatcgcaag   240

gcacagtcgt ttaggcaaag caaccagact tgctgtagag gcatggggtt tgaagaattg   300

cacccaaaag gaagagtggt acagtgacac tgtgactgct gttttgttc ctgcttacat   360

tgatagtact gaaatagtta ggagggcatg gaagagatac aatttgagct tatgtcttgg   420

actgaacaaa gttgctggga aggttttcag aattggacat cttggccact tgaatgagtt   480

gcaactgttg ggatgtctag ctggtgtaga gatgatactc aaagatgtgg gttatcctgt   540

taagcttgga agtggagatg cttgttgcag tgcttactac cgaacactat ttctatgatc   600

cctttt   605

888

```
<210>      2436
<211>      468
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220050b11d1

<400>      2436

acgtgattca ttttcaacat tttatttctc cattgagagt gtgacaaacc aaaagttgaa    60

ggaataattt tttagccctt tttttcctgt gatcatactt tattttctaa ctaaaatttt   120

cttttctctg atcatacttt attttctaac atgaacatgc tagccagaat agaaagaatt   180

tcagaagtga ctaacatact aaccatctaa ccaaagccag aatctcctga ctattttta   240

actccctcta atttaaatct atacacttta aatggtagta gcacatgcct cgaccaaaac   300

gagctggcat gataattacc aagcgtttat ggatcgaact gccaggacga gcggaatttc   360

taatcatcgc agccaatata atccaccta cttttcattt tgacatattt gatgttggtc   420

gaatctcaat attgacttta gaataacccg aaaaacaatt atacgaag              468


<210>      2437
<211>      558
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220050b12a1

<400>      2437

ataaaaaaca aagtttcata ctttacgaca cccttttctg caactgatga tggaaggaag    60

ctgaaacagt gaaaaacagc aacaacgacc accctgtctt tgttttttgt ttgttgagtt   120

gaaactttag agaaagtgaa tagtgatatg gatgcaaagg gtgtgcggat cttagcgtat   180

caatcaatat tttcgagcgt tggatctggg gacttcgatg gggtgaagaa actggtggag   240

gaagtgaaga aggaagaagg gtcatcgctc tctgatgtga tgtctcttca gaacgatgct   300

ggagagactg cgctatacat cgctgcagag aataatctgc aagagatgtt cagcttcttg   360

ctcagcatct gtcactttga ggtcgtcaag attcgctcca agctgatatg aacgcctttc   420

atgttgctgc caagcgtggc aatctatggt ttttttttta tttttcatgg aataagttct   480

tcttacggat gttgctatta attcagttaa atcattacat atgatagaat ccgatagttc   540
```

889

taatgtttca acagaatt   558

<210>   2438
<211>   379
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b12d1

<400>   2438

ccccggggga aaaaagccgg ggggggtccc caaaagggggg gggtgagggg gggaaacata   60

ccaaaaaaaa aggggggccc ctaaaaaggg atcccaaaaa aaaagacggg ggggggaaaa   120

aaattttttcc ccccgaaaac ccccggggggg ggaaacccccc cgggggggga aggcgggaaa   180

aaaaggggggc ccccccttt ggggaaacct ttaaaaaacg gggggggcca aaaacccccc   240

gccaaagggg ggaaaacccc ggaaaaaaat ttgccccccc ccttgggggg ggggcaaccc   300

ccccccggg ggggggcggg cgtaaaaaaa aaaagttggg gaaaacccccc aaaaacatta   360

caccaacggg aagggcccc   379

<210>   2439
<211>   567
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050c01a1

<400>   2439

gaaaaaaaag ggtttcacac tttgtccaat ctttcacact gaactcttca attttcaatt   60

ctctttttca tgcaccactc ttcttttttct tcagacacct tcatcatctg cataccgctt   120

agctccaaaa actacacaca caagaattct gtttctttct gttgatttga tggatccgca   180

gatctaatgg tttcacacac tttcttcact acggatcatt gtcttcttca tctggggcac   240

cccaatagct tcttctaatc gatagtcaaa ttttgttggt ttgtggtgga tcatcttcgt   300

cgttgtggtg actagtgagg agtgcaggac tatacctatc tatatagtgt atgaaaattc   360

tggggggtga agtcgttttt ggggtagttg atagatgttg aaatccttga cggctgtttg   420

gtgaaatgag ggatgttatc ggggttgatg aacttattga gggcctgctt tcggccgggt   480

tcggatggat ctacacgtgc aggttcggat gccggtggta gacaggatgg actattgtgg   540

```
tacaaggact cggggcagca cttgaat                                    567


<210>       2440
<211>       537
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050c01d1

<400>       2440

aagtacacaa ctcacagcaa aaaggtttat aagctgtaaa ggtacatgta accataaaca    60

aaaatagtct ccaagactat aaaaacatta cattttagac aaattagtct tcttccactt   120

catcctccgt caacacctac tacaactgct ggtgttgctg ctgcctaaca tgtatcatat   180

tcactacaaa catcttagta ggagtagcct ttgacgaaca actccttctt ggcttcctca   240

gattcaccct caccggtgta cttcccaagc tgggcgagcg agttggactt ggcacggaaa   300

agaagtgcat cttgtgccgc cttcacattc tctgggcggc ctccccatgt cttcaaggca   360

gtgttttgga gggctctggc atacgagaac gacacgtgcc acgggtttgg agattggttc   420

atggcattca agttgagggt agcttcaacc tcagactgtc caccagacaa aaacataatt   480

ccagggacag caggggggaat tctcctgtga aggagcttga gggtgtaatc agcaact      537


<210>       2441
<211>       511
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050c02a1

<400>       2441

cccattctct cgcatctcaa tacccttttg atttgtgaaa ggaaagcaaa catgcttgat    60

caggtccaac accctacaat catggacaag gttgctggcc agctccatct ccgttctggt   120

gtttctggta ttaggagtta tgaaggagcc tactgccacc ccacaatgta ccaaagaccc   180

tcttttggga attactcgaa tgctgcattg cagtatcctg tgatgccctc atgcaaagct   240

actatggatt tgtctgctgc tgcaacaact gcctcccccg tctttgttgc tgctccagca   300

gagaaaggcc attttcttat agactttctc atgggaggtg tttcagcagc tgtctcaaaa   360

actgctgctg ctcccattga acgtgttaag cttttgatcc agaaccagga tgagatgatc   420


                                891
```

aaaactggta gactttctga gccctacaag ggtattggtg attgctttaa gagaacaatg   480

gcagatgagg gtgttgtttc ttatggagag g   511

<210>   2442
<211>   390
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c02d1

<400>   2442

acccaaaagt ttttttaaa actaatttaa tttttttata ccaatacatt attattttaa   60

ctttaaatta aaaaattgca agggccctga ggggcccccg ccatacaaat agctataact   120

tttatgggaa tcttttaatc ccacagttta ttggacaaat tttgctttgg ggagtactat   180

aaattttaaa attttaaaaa ttcaatttcc tttctttaat tgactaaacc cattgggcat   240

tgtaacaaag ccatttgggc atgtaaatca aaaactggtt aaatttcact ccataaataa   300

cagcgatgag ggtcacaggc tggtgtaacc cctaattgga gaaaattgtt gggaaatgaa   360

gaacattacc agaatttgaa gccggaattg   390

<210>   2443
<211>   574
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050c03a1

<400>   2443

ctatcgtagc aaagaaagaa agaaagaaaa ccctagctta ccttttcaac tttcaagatg   60

caaatcttcg ttaagacact cactggtaag acaatcaccc ttgaggtgga gagttcagat   120

accatagata atgtaaagtc caagattcaa gacaaggaag ggatcccacc agaccagcaa   180

cgtctcattt ttgctggcaa gcagcttgag gatggacgta cacttgctga ttacaacatc   240

caaaaggagt ccactcttca cttggtgctc cggctccgtg gtggaatgca aatctttgtt   300

aagacattga ccggaaagac aatcaccctt gaggtcgaga gctctgacac cattgacaat   360

gttaaggcta agattcagga caaagagggt atcccaccag accaacaaag gcttatcttt   420

892

gcaggaaagc agctagaaga tggcagaacc ttggctgatt acaatatcca gaaggaatct   480

accctncact tggtgctccg tcttcgtggt gggatgcaaa tcttttgcca gaccttgact   540

tggaagacaa ttacccttga agtggagagt tctg   574

<210>   2444
<211>   554
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c03d1

<400>   2444

cattattaag aaaaggtaac gaagataaaa tacgagcttg ttttatagca attgttatta   60

atcgttgttg ttttaaggtc aatctatttaˑcgcgtctgga taatattttt ccttgttcac   120

taataaatcg actaattaaa cccatgtttt tataatcaat tcggtccccc gattggatcg   180

ggggcaaacg cctacgaaaa gatcgcttgg atttcataaa gagtcgctta gattttccа   240

tggtttattt atccctattc caaaaatcac atttattaca agaaatacta taaaggattt   300

gtttttttat tctgactttt ttaatatatg ttgctatttt tttaatatat gtcgctatat   360

actgatattt gtatatattc aactgttaat gatagaatac agatagatct atctatttag   420

ataagaaaaa tagatcattt tacatgttaa gttctttggt tcgaagggta acacacaagc   480

gatcaatttg atctacttct ttatttctgc gtgaattgat gttagcaaca cggggacaaa   540

atttttaatt ccat   554

<210>   2445
<211>   567
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c04a1

<400>   2445

gtgagcacaa gcttggttct agtagtttta gtagctctca cagttcaaat tttctacatt   60

tcacccatag atccagtttt gctggatata aaacctgctc cttcaaccaa agacaatcaa   120

ttacagaata tcattaagct tggagaagga cttttgaagg aaccagaaga tgttgttgta   180

gataaagaag ggactctcta tacagctact cgagatggtt ggattaaaag attgcgcagg   240

893

aataatggaa aatgggagaa ttggaagcat atagatagtc atactttgct aggaatcgca   300

acagcaaaag aaggtggtct cattgtttgt gatacttcca agggtttgct caaggttaca   360

gaagaagatg gttttagtgt tcttgcttca cacgtaaatg gttctcagtt aaggtttgca   420

gacgatgtga tagaaggctc acacgggaat gtatatttta gtgttgctag tacaaaattt   480

gatcttcaag attggtattt ggatgtgtta gaggcaagat ctcgtggaca agtttttaag   540

tgcaatccca catcaatgag actgtat   567

<210>   2446
<211>   522
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c04d1

<400>   2446

gcatacataa ctcattatac actacacaat atgccaccgg ctcgagggta ctgcgaatta   60

cacataacaa tcaaatgtga tcgctttcac caaatagaat tcagcaagca atatttaatg   120

gatacaaaat aaaattcgca tagaatgtca taagaaactt cttagctata tcctattcgc   180

atagaatgta ttcagccaag tttgttctcc acgatacaat aaaagagaag caaccaaaac   240

gagtatctta gcaatagcat agcattacag aagaaacgg aaaaaattgg tgcccaactt   300

cttagctata tcctatttgc tgctgttgct ggggaggttg gtaattcgca tacccaggat   360

aactgccata catattgggg tcctgtccag cagggcata accataattt tcatagcccc   420

cctgagcata tccgtagtat ccaccaccac taccattcca ctggtttgca tctggttgag   480

cctgtttgtt tgaaggactt cggccccatg aaagcctaac at   522

<210>   2447
<211>   547
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c05a1

<400>   2447

gtgagtttca ccagaatgca agtttcaaga ggccacaatt aaccaagaca gaaatgacaa   60

aggcttgtaa catgactaag gatctaaaga ggattcttag tgagaatttc catgatgatg   120

894

atgaaggagc agagcctcag actgtattat ataagaacct gtggcttgag gctgaagctg   180

cactttgttc cgtctattac aaggctcgct ataatcaaat aaagattgaa atggataaac   240

attcatacca ggaaaaagag atggagaagc aatctaaatc tgaggttgtt ccgtctttga   300

gccagagtca gagttttgca actaaagtgc atcatccaaa ccctgattct tctgctgccc   360

ttaaatttcg tgtcttggat gcaaccaatc tggaggaact atcttgcttg aatatttcca   420

ctgatatgaa caagcctaat gcaatgacac ctgaaggaaa aggtggtcaa aaccttgata   480

gcttcatcaa taattatttt gttccctgct agacgatgag gcttgaagat atgatgagtc   540

ttctgta   547

<210>   2448
<211>   503
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c05d1

<400>   2448

ggtgcatcaa atcaacagag ataactctct gaatctttat attatagatc tattattgat   60

tcattacata cataattcag aaggaaaaaa aaaaaaacat aacaaaaaaa aaagtgtccg   120

cttcagattt gatcgcattt ttcctattgc acaaagcctg cgcatttcat tcaagtttca   180

acagaagcgt aaaaattgca caagtgtctt agataaccac attagaaaat gaaaagggca   240

accaccaccc atcattataa taagtaaaca atacctacaa attgcactat tgcaaggcat   300

tggcaccagc cacaatttcc agaatttcac cagtgatctt agcctggcgc tccctattgt   360

acacaatgga caagttcttc ttcaactcaa tagcattatc tgtggcattg ctcatggcac   420

tcattctggc ggcgagttca ctcgccaagg actcctgcaa tgccctcaga acctggctgt   480

tcaaatacaa gtgcagcagt gca   503

<210>   2449
<211>   492
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c06a1

<400>   2449

```
ggttatggag tgggcgcttt cctgtttctt ctttctggtg aatcactgct aatgggagtg      60

acaaagtgca tgtgctttgg gaggccctta acacctgggg taaatcgagc gtggtccatt     120

atatattttc tttcttcttg ggtcactttt ctggtagcag aagcttgctt gatagcaggt     180

gcaaccaaga atgcctacca caccaaatac cgtggaatga tttatgctca taacttctca     240

tgtgaagcct tgcggaaagg tgtcttcatt gccggagcgg ttttcgttgt tgcaaccatg     300

attcttaacg tatactatta catgtacttc acgaaggcaa tgacaacacc agtttctcat     360

aaggcaaatc gggtgagctc cactgttgga atggctggat atgcatgatg gactatggct     420

gaaaagggta acatattgag tcttaatttc agtggatatc tctatgattg tcactagcaa     480

aacggtgatt tt                                                         492
```

```
gaaaaataaa tttcagtttt ttttcataat gggttccacc aatgccaata atgaaacggc      60

cgcagagatt ccggagtgga tccgcgtctt caaagatggc tccgtggaac gcccacttga     120

ttttccgatc gtgccaccga ctctcaacac tggactctca tccaaagaca tcaccatctc     180

acaccaccct tcaaaaccaa tttctgcacg catttacctt tcaaacatca ccaattccca     240

gactaagaaa ctttccatct acgtctactt tcacggtggt ggcttcttct ttgaatccgc     300

tttctccaaa cttttcagtg accattttct caaggtggtc cctcaagcca acattataga     360

ggtttccgtt gagtacagac tcgctccaga acaccctctc cctgcagctt acgatgattg     420

ttgggactct ctcaaatggg tcgcattcca ttctacttaa gacaccaccc tcaacaacac     480

tgaatcttgg ttgactgagc actgtgactt cacagagtgt tcat                      524
```

<400> 2451

```
atgagattga gttgagacaa agagatgatt ctcattaagg tcctagagtc ctatcttatc   60

caaaaattag gacatgttaa catgcacact agcagtctta taggatttac aaatgggaca  120

aatgtggagt gaagacccac acacagtaca caagcacaaa tgacggcacg gcaaaatcag  180

cacacaagac tcttccttcc tacagttcct gcacaacctc ccattaccac caccctcctt  240

atccttcacc cctgcgcacc ccgctaacgt gcgccaaccc cccgtttcct tttctaaacc  300

gtcctcctcg gtgctcccgc agcaggactc ggcgtcgtcc atctccgcgc cgtcgacacg  360

gtggcgcctt cgncgacg                                               378
```

<210>   2452
<211>   580
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c08a1

<400>   2452

```
cggattagca tcaaagcaag tttacaaaat ttgggtgcgt cctggattga ccctttttgcc   60

ccctctccct caccctccac taactcctcc tttttggttt ttataaagca cattcccaat  120

agaggagggt ccctacacaa cacaaccctt caatgacgtc catggccact ttcttcgccc  180

aaacctcctt cccctcccac tctctctcca aaaccttcga tacccatttc gcccctgccc  240

cgaaagtcaa cgtctttgtg aacttcaggg cgaggaggca cgttgggggtg cgagtttcga  300

acgcgctgat cgaaccagat ggagggaagc tcgtggagct tgtggtgacg gattttgaga  360

gggatttgaa gaagggtgag gctctttcgt tgccgaggat caagctctca aggattgacc  420

ttgagtgggt ccatgttctc agcgaatgat gggccacacc cctgaaaggc ttcatgagag  480

aagccgagtt cctccaaacg cttcatttca actcgctccg actcgatgat gggtccggtc  540

gtgaacatgt cagtgcccat cgtgcttgct attgatgatg                       580
```

<210>   2453
<211>   446
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c08d1

<400> 2453

ccctgaacga gtataatgta tctccattgc ttcattacat cctgtgtaac aagcatgtaa   60

accagtgcat tagaaagcac aagattgctt ggttttcaag tataatatct caaaatacat   120

caaactaata aattggtcac aatggtcacc cttccattct tctatacatc gacttggcac   180

tctttttat accgctagta gtcatcatct tcatttcttg acccaaagaa tctcctcaca   240

actgcagcgg cagcaccaag aaacataaac agaagaatag tgtcaaatcc accttcaacg   300

cctacagcta cactgggacc tggtgcaaag aatgaaaatg gagaccatcc ccagccaccg   360

taaaatggca caccataacc atagccatag ccaccaacta gcggaggtgc cactcgagga   420

ttaatataga tattggttct ggaatt   446

<210> 2454
<211> 555
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmf102220050c09a1

<400> 2454

agaagctgaa tagtgcagga atagtcacag ttgaagactt tcttcggctt gtggttaaag   60

atcaacaaag attgcggaat atccttggga gtggtatgtc aaacaagatg tgggaggctc   120

ttttagacca tgcaaaaaca tgtgttctaa gtgggaagct ctatgtttat tatccagaag   180

atgcaagaaa tgttggcgtt atttttaaca acatctatga gctgcgtggc cttatatcag   240

gagaccaatt ctattctgct gattctctca ctgatagcca gaaggtttat gtagattcat   300

tggtgaagaa agcatatgaa aattgggatc aggttgtgga ttatgatggc aaatcactcg   360

tgaatgctaa aatttcttct gaaaatgaac ttcatgtgga gtcaattgat tatggtagtg   420

gtttagatca tcaactgcaa ctgccggtcc ttccagtgtc tgttccttct gaacagcaat   480

caattcaggg atacctgttg gaggttacaa cgataataat atagtaacac cgattccaac   540

ccaatctttg atttc   555

<210> 2455
<211> 447
<212> DNA
<213> Glycine max

<223>   .Clone ID: jC-gmfl02220050c09d1

<400>   2455

gcaataaaca atcctgctat tatttctttc attaaaattg aatttatgta caaaagtatt   60

ggctgagtta ttcatgaatt aagcatctat atattaacag gctcaaaatg agcaaaaaat   120

aatatgcatc tacactactt tttcacattc aaaaagcttc ccaaaattcc cgttcccttt   180

aaacataata tgtaagggaa atttgaagtg gaatgtgtgc acttgtttta gcaaggcaag   240

caagagttgc aagacccatt tccagactcc tattaactga aaatgaagtt gcacaagtta   300

atttgatgca agtcaatcct gggatgtggc agaatattca aaaagaaggc gtttggatgg   360

agcagattgt aggagcactc gcaaacgact tgtaagcaga tagctcaatg tccattgcat   420

tgccatctcg gactccttca tttgcct   447

<210>   2456
<211>   486
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c10a1

<400>   2456

tcctcttcaa aaaaccccac agccactctt gatttcaaag gcactatctt aggaatcaaa   60

ccggcgccgg ttatagcttc tttctcagcg agaggaccca acggtttaaa ccctgagata   120

cttaaaccgg atttgattgc tcccggtgtg aacatcctcg cggcttggac cgaagctgtc   180

ggcccgaccg gtttggactc tgatacgagg agaaccgagt tcaacatcct gtctggtacc   240

tccatggctt gccctcacgt gagcggcgcc gcggctttgc tcaaatcggc tcaccctgat   300

tggagccccg ccgtcataag gtccgccatg atgaccaccg ccaccgtcct cgacaaccgt   360

aacaaaacca tgaccgacga agccaccggg aacagttcca cgccttacga tttcggcgct   420

ggccatctta acctaggaag agccatggat cctggtttgg tgtatgatat cacaaacaat   480

gattat   486

<210>   2457
<211>   489
<212>   DNA
<213>   Glycine max

899

<223> Clone ID: jC-gmfl02220050c10d1

<400> 2457

actgaaagaa tataatgcat ttaatcataa atccgcaaaa acatggtacg ttttggagtc   60

taaatcaata agtcgcaggg ctgcaatagc cgccgcagca gacatgaggg caaagaaaca   120

aatattgatc caatgccaga gcttttgggt ggatgttagt ttgttctcat ttgtcactag   180

gtacatatgg tttgcaagga taaatgtgag gggaaatgtg ctgatagctc cagtgaggct   240

catgaaatct ccaagaaatg gcaacagagc tgatacaaat gtgtttacag tcaggtagcc   300

acctcttacc aagactcgaa atgacaagtt cttgaaagcc agggcactcc ctttgatccc   360

atatttggta tccaaatact catacattgg acttgcaaat atatgcaatg caatgactga   420

ttgaagaaag ctgcaatat tggccatggc cttagcccaa actggaccat tcacatcact   480

catcaaata   489

<210>   2458
<211>   593
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c11a1

<400>   2458

cggtttcagc tgctcacgcc accgccggaa aattcgcaac caccatttgc cagccacgat   60

cagtttatta aatttgatgg ataacaataa ttggagacct aatcaaggca ctgaagccaa   120

tatggatact agtgattgga gaggtggact gcatcatgag tcacgccaaa gaattgttaa   180

caaaataatg gacacattaa aaagacatct tcctgttact ggtcaagagg gattgcatga   240

acttcagaag attgctcaaa ggtttgaaga aagatttttt actgctgcaa caagccagtc   300

tgattatcta cggaaaatat ctttgaagat gcttacgatg gagactaaat cccagggctc   360

catggccccc aacttaccta caaatcaagg tggccctagt aataaacctt ctgatccagg   420

acttggtatt ccacctcaag ttcataatcc agggcagcaa catcctattc ctatgcccaa   480

tcaaccttcg aaccgtcaac agcttctacc tcagaacatt caaaatagta ttgcgtctca   540

accttcgaat atagcccaag ctcccatcca aatgttgggc agatattcca aca   593

900

<210>   2459
<211>   509
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c11d1

<400>   2459

aatccaatac tcagcatttt agcttattgt actagaacca caggaacaaa cctcagagtt   60

gtaaattgta atttaaagtg agctgtcaca aagagaataa ctctggcaca gtgtcaagtc   120

atttctgatt gaaaacatca gaacttaaat actgctaagg accaatttgg tccatttgct   180

acataaacaa aatgcacttc tattttggaa tttcatcaag cgcaattaaa aaagaaattg   240

ggtctttcta ccagaacact tactcggctt caaataccta gacatgcttt aatttcaaat   300

gatcatagta tataaactat tagaaacaaa aaaagatgtt tatgtaaaaa aataaggtgg   360

aaaaatgaaa atggagccta tacctgtata tctatgtcag tttgtcctcc ttgagctcca   420

ccaagcggtt ggtgaatcat tatccttgaa tttggcaagc tatatctatt tcctttagtc   480

cctgcgctaa gcagaatggc acccatact   509

<210>   2460
<211>   571
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c12a1

<400>   2460

tggggcactc gcacacaccc tttctttccg ttctcaaact cactcacact ctctctactg   60

ctagattcga cgattcccga agtgccttcc tcctcctcct ccttcttccc ctctaatcgg   120

atccaaatcc aaatccaaat ccagttcaaa gaagatgcaa tacaagaacc tggggcgatc   180

tggcctgaag gtgagccagc tctcctacgg cgcgtgggtg agcttcggga accagctgga   240

cgtgaaggag gcgaaggccc tcctacagtg ctgccgcgac cacggcgtca acttcttcga   300

caacgccgag gtctacgcca acggccgcgc cgaggaaatc atgggccagg ccatccggga   360

gctcggctgg aagcgctccg acatcgtcgt ctccaccaag atcttctggg gcgggcaggg   420

ccccaacgac aagggcctct cgcgcaagca cgtcgttgag gggaccaagg ccttactgaa   480

acgcctcgaa atggaatatg tcgatgttct ctactgccac cggccggata cctctactcc   540

901

gatcgaggaa accgtgaggg ccatgaatca t   571

<210>   2461
<211>   521
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c12d1

<400>   2461

aatataatta tattcatatt tatttatata aaatgaaata caagtgcaac agcctcatat   60

aagagtttcc catatgagtt ggcagtagaa acgaaataac atctgcataa tcacacaagt   120

gaagtgaagc tacacaacaa gttcattgct tcactcacat cataacccccc atatttattt 180

atttaggtaa taacacactc gacagtaaag ataaataaca acagaacata aaaaccagaa   240

gtacttatat ctccctcact tcatcttcgt tctcgtcctc actccagcag catttcagaa   300

tagacctagg agatgcacta ccatcgcagc cttgaacaaa tgtttggtac acaactgcac   360

cacctactcc aagctcttca gtgctcctct caccacagta gtatcctttg atgtctaagg   420

gaaatttatt aagtttctca ccatgcatgt caatgtgcaa agcaacagaa aactctgctg   480

gacaaaagca agctaaaatc ctttccacaa gttcacctag a   521

<210>   2462
<211>   568
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d01a1

<400>   2462

tcttaacaaa gcgccccacg ttctgagaca aacccagtat gctgtctgcc atggaggatg   60

agaaagtttc gatttttcat tgattgggta taactgcaca aagaggttag tgaagcaatg   120

catagagcga tcgtgtttct cattcaccca cgattcctcc tcctcttcct tgtcctctca   180

attttcctca ttttcacatt ttctggttct actactacca gtggttttgc tacacctcaa   240

caggttgttg agatcattga ggagaaacca gaagaggagc ctgaaattac acacagagta   300

ttcttggata ttgatattga taaacagcgt ttaggtagga tagtgattgg attatatggc   360

aaagttgtac cgaaaactgt ggaaaatttt agagctttgt gtacagggga gaaaggcaag   420

agtgaaaatg gcataaagct tcattacaaa ggaacaccat ttcatcggat aatatctggt 480

tttgtgattc acggtggaga cattgttcat catgatggct aagggtctga atctatttat 540

ggcgggcacc tttctgatga tatttttca 568

<210> 2463
<211> 592
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050d01d1

<400> 2463

gaaacggcag ggccaattgc agccaccgaa tgtcccatga tcaataaacc tcaatatttg 60

tagcagctaa agttaaaaga ggaaaagaaa aactaaataa caaaaatatg gatgaatgaa 120

ataaagagtc ctctagttaa atcacaaatt acctctattt atttacatta ttgtgagcca 180

tcgttagcca tcaaattaca gtatacaaca atctcctcct ctccatgccg caccagctac 240

ccattctgta agatttatta ggttgctcaa agaaatgtg caaaaataat ttcagaaaaa 300

catcccttga tcaacaactt cttggatagg acggcgtttt cgtcaggcgc ctctgccaat 360

gtttacattt gacaaatgtt acatgcccag ctcaaaatgg acactttcat gtaatggaaa 420

acaaattgcg gaatcgttgt actctgcttg aacaaatgtt tgaagactgt gcctgttcgt 480

gagcacctga actcttcaga cgcaaggctc ttctttttcct tcttatccga aacaaaaagt 540

cttcggtatc taaaacatat gagaccctag atgaactgca agctatctta ca 592

<210> 2464
<211> 592
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050d02a1

<400> 2464

aaagaaacat atatcaagta gattacacac cttcacgtta atggattccc aaatgacgaa 60

gcttggaacc tctctattgg ttccttctgt tcacgagcta gctaagcaac ccatgaccaa 120

agttccagaa cgatatgttc gtctaaacca agatcctgtt gtatctgaca caatctctct 180

accacaagtc ccagtcattg atctgaacaa attgttttct gaagatggaa ctgaggtaga 240

903

```
gaagctaaac caagcatgca aagaatgggg tttcttccag cttataaatc atggggtcaa    300

ccctttattg gtgcaaaatg tgaagatagg tgttcaagag ttcttcggtc ttcaaatgga    360

agagaagagg aaactttggc aaaaacaagg agagttggag gggtatggtc aaatgtttgt    420

tgtatctgag aacaaaagt tagaatgggc agatatattc tacattaata cgctaccatc    480

atgcgcaagg aatcctcaca tatttgctag gaattcccaa ccattcagaa atgatctaga    540

gagctaatct ttagaattgt gaaaacttag catcgcaatc attaaactta tt            592
```

```
<210>      2465
<211>      315
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d02d1

<400>      2465

gtccataact actgctattc tgcttttatt ttgtttgttt atcatctaaa agaattcttt     60

ttagtggtct caatctacat tgttacacgc tgaaaattta acgagctaca tggttgatac    120

atcacccttg tttacaactt gcaaccctct ttgcatatcg ttaataaaaa tacaggaggc    180

attttggtat cttttaaaac catatttaca caacatttga aaaatcattt agctctacca    240

aacagacctc cagatcatga tctgaatttg aaatggttta gaaatctcta atttcaatgc    300

cagcttctgc ttcag                                                     315
```

```
<210>      2466
<211>      513
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d03a1

<400>      2466

gcgttcccat ggacccgcca ccatcttggc cttcggcacc gccacgccgt ccaactgcgt     60

ctcccaagcc gattaccctg actactactt ccgcattacc aacagcgaac acatgactga    120

tctcaaagaa aagttcaagc gcatgtgtga aaagtccatg ataaagaagc gatacatgca    180

cctgacggag gagtttctga aagagaaccc gaacatgtgc gagtacatgg cgccatcgct    240

ggacgtgaga caagacgtag tggtgatgga ggtgccgaag ctgggaaaac aagccgcaac    300
```

904

gaaagcgatt aaggagtggg gtcaaccaaa gtcaaagatc acacaccttg tgttctgcac   360

cacttcaggc gtggacatgc ccggagcaga ttaccagctc acgaagcttc tcggcctgag   420

gccctccgtg aagcgcctca tgatgtatca gcagggctgc ttcgccggcg gcaccgtact   480

ccgacttgcg aaggaccttg ccgagaacaa caa   513

<210>   2467
<211>   511
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d03d1

<400>   2467

aatccaaaaa cttaaatttg aatatttcta gttctacttt ctggatagga aaactcagta   60

tacaaacatt ggttttaatg catcacttat ttctggaatt tcagaaacta gtccgtcgac   120

aaagataaat acttgctgtc aaaattctgt tacaagtgta aataaaaagg tttgagtagt   180

aatgttttcc atcatcttca tcatcctttt tctatatttg ccagcaacat tttaattgca   240

cattgaaaaa ttaagcaaat ggagaataat aaattaataa tactaccact tttcagctac   300

cttcattttc tttattaatt ggatctgagc tcacagttgg aagattcctt ctgtactgct   360

gagacgtcaa tctcctttcc aatggtgttt tcctcttgct tacaacaaat ctgttcaccc   420

ctttgcgcat aggcattatt gaaggaaaat cttcgtctgg aatctgactg agctcagaaa   480

tatccttaat ctgtgcgacg cgacggaacc a   511

<210>   2468
<211>   600
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d04a1

<400>   2468

agagtttgtt gtgagctata agctagttta tcgtgaggag aatatgaagt tgtttgtttt   60

ctttgttgct gcagtagttt tggtagcatg gccatgccat ggcgcaggct accaaaggtt   120

ccctctccga atgaaaactg gctatggtga gcgttcttcg gaggtaaaat gcgcaagttt   180

taggcttgct gtggaagcac acaacatccg agcctttaaa accattcctg aagagtgcgt   240

905

```
tgaaccaaca aaggactaca ttaatggcga acaatttaga tcagactcta aaacagttaa    300

ccaacaagct ttcttttatg ctagtgaacg cgaagtccat cacaacgaca tatttatatt    360

cggcatagat aacaccgtac tctctaatat cccatactat gaaaaacatg gatatggggt    420

ggaggaatct aatgaaacct tatatgatga atgggttaac aagggcgacg caccggcatt    480

gccagagact cttaaaaatt acaacaagct gttgactctt ggcttcaaga tgtattcttg    540

cacgaagatt cttgacaaat ggccgaacag aacaaaccta agaagctgg tttcacacat    600
```

<210>   2469
<211>   521
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d04d1

<400>   2469

```
agagcactgc caatttgaat ttgtttctat tcattttaac tttagaaggc aaaacacaca     60

agaacaatat ggcattgccc cacaaatgtc tagcaaagat gtgactcaaa ttcatcgcat    120

gctgcagctt tctgctagct acgagagatg gatcttatac cttcactggc caccataaag    180

ggtgataatt ggagactcga gtcatggtgc ttgctgacct ccgttattgc tcaatttaca    240

atattgcttt caggaggaat aaaaaaaagt acaacaaacc aactgtactt caataatgaa    300

tcaacagaca agatttgacc caaatcatcc tatgacaata tctagtaact gaagaactgt    360

tatgcctaat cccgtatctt ctggactcca acccagcgag cataatccac ccacaatagt    420

gagcccagaa agtgtttcca gttctaacag caaagcaaac tgcgcttagc ataagtttgt    480

gctggtgcag caaaggttca agaatacgtt gttcaataac t                        521
```

<210>   2470
<211>   604
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d05a1

<400>   2470

```
tgatattgtt ggagaagccg tatatgatga agaatatctc aagaaacgca agcagaaaag     60

gatgtcttct agtagctctg aaggagatga agaatatcag tgggacgaat acaatgttga    120
```

```
agatgaagaa gaagaagatg atgacgacga tgacgattcc ttgagcatca gtgaggatag    180

tgacaagcct cgtaaggtca aacagctgca gttgcatggt cgtacaagga gagaaaccaa    240

actcaggtct gtgggtgaga tacaatcggg tctaagacgt agtaagaggg caactaaaaa    300

tcgtataaat taccgacaat gtgaggtatt agaatcagaa acagagttta tcaaatctga    360

gaagtctaat tcatcagctg atcactcaga tcccaatgag aatggtgaat acatgatgga    420

aagtgaagat tcagatgaca gtgataatga agaacaagat atgaaagtag atgacccttg    480

tacatattct gcagtagaag agaatgaaca aaaccagcct cctgaaaaat tagtagtcct    540

ggtcaggatg aaagtgagag cagtacaaga aagagacgct tccttgattg aatgagcttg    600

ccct                                                                 604
```

```
<210>      2471
<211>      455
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d05d1

<400>      2471

ttttctttct tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt     60

tttttttttt ttctttttttt tttttccttt ttcttttatt cttaaaaaac caaaacctac    120

aatttcaccc caacagggggg gaacctttttt aaaaacacgt ttcccaaccc atttaaaaac    180

caggccaacc cccaaatcca cccataatac ccccccaaac gcgaaccaat cgaaccacct    240

cccttacccc aagcgcccca ctgtccaacc ccccaaagaa acccgggggt tctctcccag    300

acccgggcga acccttctca agaacccaac cacctgctga acccacttaa tcaccaccca    360

tcgaaactta cgccccccccc aatgactgct ccttagaccc cccacatcca aaaccccccc    420

ccgtgaatct tccaccctaa agggcgcccc attcc                              455
```

```
<210>      2472
<211>      524
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d06a1

<400>      2472
```

907

```
ctcacggcca gggtttttagg gcagcttctt tctttgagat taagtttcag tagtaatggg    60

taaggaaaag gttcacatta acatcgtggt cattggccat gtcgactctg ggaagtcaac   120

caccaacggt caccttatct acaagctcgg aggtattgac aagcgtgtca tcgagagatt   180

tgagaaggaa gctgttgaga tgaataagag gtctttcaag tatgcctggg tgcttgacaa   240

gctcaaggct gagcgtgaaa gaggaatcac cattgatatt gctctgtgga agtttgagac   300

cacaaagtac tactgcacag tcattgatgc ccctggacat agggatttca tcaagaacat   360

gattactgga acatcccaag ctgactgcgc tgttcttatt actgattcca ccactggtgc   420

gtttggagct tggatttcca aggatggaca gacttgtgag catgctctcc ttgcattcac   480

tcttggtgcg aagcacatga tttgctgttg gaacaagatg gatg                   524
```

<210>   2473
<211>   383
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d06d1

<400>   2473

```
aaagcaaatg cgatgtttat ccttacaggg ggtaatctcc ttgggacaag acaaccgatt    60

ttttgccctt ttcaccaagt ccagtcccga atttagctag gccttaggca agttttgggg   120

catttaaaca aagctggcct ttttgtcggg tttaaggccg ttctgtttga tggcttcggg   180

ggtttgcaaa gtaccctgtt ggagcctcct tttttttttgc cttggttgac ctcaagcaat   240

aatctccttg ggatttgtat tcgaaaacaa agccttgggg atctgctgta cggcaaaaca   300

ggcggcaaag tcaatgatca tgggggccgt aaactgggtt cggaaccagg actccttttt   360

gaacagttgc aaccaacttt tga                                         383
```

<210>   2474
<211>   431
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d07a1

<400>   2474

```
cgcaaatggg agcaacactg accgaaaaaa gtactttgc aacaaacatg gcaccaccat    60
```

```
cgtttggtgt gctgcaacag catcatcatc atcaacaacc aaatgggcaa cccttcacga    120

accagtacat gcacagtggc caccaccacc aacaacaaga ggttaacatt tctactcagt    180

atagtttcgg tagtgcaaat gggatgggtg gagggagcgt tgggatgaac ggtgtggaca    240

tgttcaacgc tattttggac caaagcaagg ctttgtcgaa gatcatagag cagaacaaca    300

atagaagcag tagtggagga acaacaaatg gaggttcgag tagtgctatt aataacgttg    360

ctggaagtaa aggaagtggg gatgttatga ctcttgactt tttgggaata ggacgtggaa    420

gaagtggtag t                                                         431


<210>      2475
<211>      389
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d07d1

<400>      2475

agagaatcca aaaccagatt ttattagatt gaaaagcgta actgtacatt gatagaaaca     60

gtaaatcctt tatctaatga acagagttac ccccctacaa tccccattcc agtgatgact    120

ccccgtgcca attcaattac attgcccctc atgcatacct tttacagtct ccactaatca    180

ttatatagca tctcaccagc agaaaggaaa gtctactgtc tggctgcgac aactggccct    240

ttcaccttga aagtggcttc ccagatttcc tcctcatttg caggaactgc agtaatctta    300

tttttaggat tctcatagca cattaatcct tcaacagctg gagaggtcaa acattcttga    360

gggaaagaag caagtgactt tgccacaag                                      389


<210>      2476
<211>      523
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d08a1

<400>      2476

gtcccatagc agctatggga atcgatctta aggctggggg taagagcaaa aagaccaaaa     60

gaacagcacc aaaatccaat gacatctacc tcaaattact tgtcaagctt tatcggttcc    120

ttgttcgaag gactggcagc aatttcaatg ctgttatact caagcgcttg ttcatgagca    180
```

909

aggttaacaa gcctccaatt tctttgtcaa ggttaattaa gtatacaaag gggaaggagg   240

ataaaattgc tgtaatagtg gggactgtaa ctgatgatat cagagtatat gaagttccag   300

cattgaaaat tacagcactc aagtttactg agagagcacg tgcaagaata gaaaaggctg   360

gtggtgaatg cttgacattt gatgagcttg cccttagggc tcctttggga cagaatacgg   420

gccttcttag aggccccaaa aatgctcggg aagctgtgaa acactttgtt ccttgttctg   480

gtgtgccaca cagccatacc aagccctatg tacgagcaaa ggg   523

<210>   2477
<211>   371
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d08d1

<400>   2477

gaaaaaataa agggtaactt agggactagc aaagaatgta catgtcttat ccaaaagtgt   60

acatgcatat gatataatgc ctgtttaagg accatccctt tttctttaat ggaaaggaca   120

ctgatacttt tgatcaagga caatggtaaa tttagtaaag aaactaaaat tgccaaaggc   180

cataaagtgg aatgttcccc ttgctgtgta ttcctttgga ccgcaccaaa atgctttact   240

aggctgtcta ccacaatggg gcccaaattc ttttaaggcc caaccttttt atacacctaa   300

ggtagatggg aatcactttc aattctggct ttccaggaaa gtttccacac cttcagtggc   360

cttaccattc t   371

<210>   2478
<211>   514
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d09a1

<400>   2478

tttcccgaaa ccctaatttc ctcaatcctg gttttggaat tcgacaatgg agcagaagag   60

gagcagcaag atgtacaacc tgttcgtgaa gcacttggac gggaaaaccc taaccctcct   120

attcccctct tcgatcctct acgcgagttc atcaaggat cgcctcttcc aactcactgg   180

aatccccgcc caccaccagc gcctcgtcac cggctgtcgc cacctcaacg atgacaaatc   240

910

```
cgctatccag tgctccccgg gggacggcaa catgtttccc tccgtgcgcc tcctcctgcg    300

cctcaagggc ggcaagggag gctttggctc gcttctccgt ggcgccgaca ccaaggccgg    360

ccagaagaag accaacaatt tcgacgcgtg ccgcgacatg agtggccgga ggctgaagca    420

cgtcaacgcc gagaagaagt tggaggaatg gaaggccgga gaagaggaga ggaagctcga    480

gaaggtggcc catgagtttc tcaagaagca gatg                               514
```

<210>   2479
<211>   517
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d09d1

<400>   2479

```
acaaagcgaa caacaattga tcatcaacat ataaaaaata atcagaagac actcaatggt     60

acatggcaca cattgcaaca ccagatggtg gatgctacat aatacatatt attgtcttaa    120

aatatactac tacttaccaa cccattaagg ttcttcgaac cctatttaca atcttatttc    180

tagcagcaac acctgttaat tgaaactcac agttctcatc caagagaaat ctgtacacct    240

cccattcacg ctctgaagtt gaatgccgtc ctacttcagc cgagaaaaca caaattccaa    300

ctgtttttgag agcaaatgtg acatcataaa aaactcgagg tcttcccatt ccagatagct    360

caactggatt agcgaccaac agttcagtat ctggtcctcg gtttgcaatg attactcgca    420

atggatgaag catttcttgt ttcaaacgag agcagagtgc actctgcttc tccggatcca    480

aaatcttttt cccatctttc tgctgaataa atatatc                            517
```

<210>   2480
<211>   555
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050d10a1

<400>   2480

```
agcaatttga agaaatgact ttaaatcttt gtgtactgac ccccaatcga attgtttggg     60

attcggaagt gaaggaaatc attttatcta ctaatagcgg acaaattgga gtattaccaa    120
```

atcatgcgcc tattgccaca gccgtagata taggtatttt gagaatacgt cttcttaaag   180

accaatggtt aacgatggct ctgatgggcg gttttgctag aataaacaat aatgagatca   240

ctgttttagt aaatgatgcg gaaaagggta gtgacattga tccacaagaa gcacagcaaa   300

ctcttgaaat agcagaagct aatttgaata aggcggaagg caagagacaa acaattgagg   360

caaatctagc tcttagacga gctaggacac gagtagaggc tatcaatgtg atttcataac   420

aagttgatgc gtncgaatat cggaataact aaaaaatgga aaatgaaaca gtaagaatag   480

atagaataaa aatataagat gagtagaaaa acttattaga tacccgagtg aatggtatct   540

tataagttct aacta   555

<210>   2481
<211>   528
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d10d1

<400>   2481

aatacaaaat tcaacgatct tcccatacat agaaattgaa gattttttta cagtaccaaa   60

aaacttttac gctgtcaata aattctaatt acattcaaaa acaaaaagga aaagcactag   120

ccacagaaaa aaacaaaagg aaaatagtaa ataatttatt ttaacaaata agtaaataat   180

taaattaaag atgagtttct aataatgata ctcaatttct caaacaattc tgtgctacca   240

gatgaagaca ttcaacacat tttaaagttg agaaggtagc acagggctgt gtaactgcct   300

gcagtcttga gaaaataatt gcaagagtga tccctatctg ttccattcat tgtctgctcc   360

atatctgggg ttggtactat tcacttgact atatacctct ggctttatgg agtttccaaa   420

ggcattccaa cctagaaggt atggcatgat acaattgaaa agtgacctta aaacttctag   480

gtctgccctt gtaacaggga gaaagatgct ttcctgaatt cccctcat   528

<210>   2482
<211>   468
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d11a1

<400>   2482

912

caattgtgtt gcctcaggca gcgcatcagt taaattttga ttgagacaat aattagactt   60

gtgtatgctt attgactttt ttttttttta aactcagccc aaaggaaata ttgttggcat   120

tattttctta tgaaaaaaaa tctatatcaa ttccatttca ataatgtaat acataattat   180

aaataaaaat accaaataaa aaataaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa   240

aaaaaaaaaa aaaggggggc ccccccatat aggaaccctt ccccccggaa attattcccc   300

ccccggttcc tggggggggtc cccattttcc tttagggggg gccttaaaaa attggggata   360

ataagggggaa taatttttttc ccggggaaaa ttttttttccc ctcaaatttc ccccaaaatt   420

ttatgccccg agattaaaag gttaaacctc ggggggtccca aagggggg   468

<210>   2483
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d11d1

<400>   2483

cttacaaata tttataaatg aattgaattg aatcaccact gtcaaaagta tactacaatc   60

taaaagctaa aactagcgaa taaggcccaa gtactatata tgtacaagaa caaattaatc   120

ccaaataact taaaaaaata tataaaaaaa cactgaataa ttttttttgga tctatggatc   180

agtattgagg gatttcaatc ttgggtatgg tcaaattgaa acgggacttc tcagcaaggt   240

tcttcgtcga tgacga   256

<210>   2484
<211>   616
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d12a1

<400>   2484

ttatgcacct ctctaatttt cctcgaacaa ctatactctc tctatcgcac tcactccctc   60

cgtcgcccga acgcatctcc gatcaaccaa ccgccgcatt tccagtgatt agccactttg   120

atcctcctgc agcgccgtcg tttcctcaga tccgtggctg taatgcgaaa gtcgttggag   180

gcgaagcagc agcatccgcg gattaggaag atccttcttc ccaattcgtt atcctagtta   240

913

gggttaggggt ttcaataatc attcccaaga aatgttcaag cgaatcatga agggagggca   300

gaagaagccc tccaagacgg acccgagcga tccgtcgccc ttggctccgg cggcggcggg   360

tgcggcagcc gctccggcgc tggtggttcc tccgtcgtcg ggcaccatag agcctctgcc   420

tctcttccgc gacgtggcgg tctcggagcg gcagaacctc ttcatccgga agctccagat   480

atgctgtcac gtgttggact tctccgacac gctgaaatcc gttcgggaga aggaaatcac   540

gagacagact ctaatggagc tcgtggagtc atccaatccg gtcgagaaga taccgagact   600

tgccggaaga gatgat   616

<210>   2485
<211>   503
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d12d1

<400>   2485

aaaggaaaaa aaataatccc atttctttgt agtagacgtt tatttcaaca atgaaatcct   60

tttgtctaat aatattcaaa taatctaaca tcaagggatg aaattgctct attgcttgca   120

cgtatgcaat gctcaaacaa ccttggtact atagtactac caacaaacca aactatgcag   180

cattttaggt gcctccatca tatatattag acaataaac ggcccaaagt gctgtagcag   240

aagcaatatg agttctttcg tacaaacgag tataatcaca aatgtgcatc taagatctat   300

gaatatgagc aaagaactgc attttatgat gcacataaac agcatattgg catcttacac   360

tagcagtagt ttctttctag ggattgcgtg ggttaatcct atactagtta gtatacttgg   420

gaggcaacta tgctgtacag tgcaatgttt aaaatatttc tcatttggta tcttcattat   480

cagattctat gcttcctttt tct   503

<210>   2486
<211>   375
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e01a1

<400>   2486

gtgtggtacc ctgacccgaa ctagttgccg gcgccgcttc acctaccgca acacccatga   60

914

tcattcccga gccgaacctt gtagtgatct gtaatttcgt ttttgaagat ggagtaaggt   120

gcgctaagaa agacttctgt ctggcagatc gcccatagat tgatgtgcca tatctgcacg   180

tgatgaagct gatgcagcgc tattaatcca gactagatct cgagggacac atttccgtgg   240

atgcactatt cctggtggct gaccaggcga cggaaacgag atactcatga catacctgaa   300

ccttccttac gaaataggcc ctgccacttg tgacaatcag gccgagcccg ctggacgacc   360

attctgcggc ccacc   375

<210>   2487
<211>   554
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e02a1

<400>   2487

ggtggagatg actcaaacac aaatgcatgc ctccttgctg agcatttcag gagtaaaaat   60

atgaaaactc gtgtgattgg gtgccctaaa accattgatg gtgatttgaa atgcaaagaa   120

gttcccacaa gttttgggtt tgatacagca tgcaagatat atgcagaaat gattggcaat   180

gttatgatag atgctcgatc aactggaaaa tattaccatt ttgttcggct tatgggacgt   240

gcagcttcgc acattacact ggaatgtgct ttgcaaactc atccaaacat tactattatt   300

ggagaagagg ttgctgccaa gaagatgaca ctgaaggatg tcactgacta cattgttaat   360

atcatttcta aaagagctga ggataattat aactatgggg tcattcttat ccctgaaggt   420

ctaattgatt ttattcctga ggtccaacac cttattgcag aactcaatga aattctggca   480

aatgacgctg tggatgaagg agggctatgg aagaagaaac tcaccgatca gtcattaaag   540

ctttttgaat ttta   554

<210>   2488
<211>   537
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050e02d1

<400>   2488

actcatgtaa aaagaaaatt ttatttctcc ctctcactgt atttgtgacg cctaactatg   60

915

```
tttggaaaca cagtagatac atgggcaacc acgtccattt accagaagat gcagaagcaa    120

tacctaccag ctctgatcta actgtgaaat tacgtcaaca tgataccaaa catgctaaaa    180

ggcaaggaaa ggaaacaaag aaaacaactg aaattttttg acattagatc atcagattca    240

cttcgaaaag tgaatgcatc cttaccaacc aagaagcaat acctttaaga gagccatcct    300

aatatataga ccattctttg cctgcctaaa gtaagcagct cttggatctc tatcaacttc    360

cactgtgatc tcgtcaagtc ttggaagtgg gtgcataacc acagcatgtt tttgcatcgc    420

atctagaaca tcttgattta caatatactt gcctcttgcc tcctcataaa gttcaatttt    480

ctctctaaat ctttctttct gaatgcgagt tngataaacc acatcgcact tagaagc      537
```

<210>   2489
<211>   554
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e03a1

<400>   2489

```
agccttcaat catatagcat tctaagaaat gaagagccct accattttca ttctctttct     60

actttctgcc ttctacacct cactcctacc ttcagccacc gctcaagtcg tggttgacat    120

ggaaggtaat gatcttcaaa atggtgggaa atattatgtg ttgccagtaa tagagtcatc    180

atatggtgga ataagagtag ccgcaactgg aaaagaaaga tgccctctca ctgttgtaca    240

atctgccgat ccgtatgata aggggattgc aacaattatt tcaaccccat atcgagttcc    300

tgttatccgc gaaggctttc ctttgaacat tacgttcggt aattttgcag ttatactgcc    360

ttgtgtcccc cttcgtactg agtggaccgt cgttaatggc caaccagaag acccgcagt    420

taaaattggt tcgcccccaa atgcagaaaa tggttggttt gaaattgaga aattggtaac    480

ttcgggctat aagctcgtgt tctgtacgct gcctgagcgt agctattgtc acgatattgg    540

gattcatgtc gatg                                                      554
```

<210>   2490
<211>   543
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

916
```

<400>      2490

gatatacagg acaataaaag aagcaatgca ttaaagctga aagtagagtg tatgttcatc   60

ttcaaaggag tgtaaaagag ggtaatatat attttacaga atttccgaaa gagcagaaaa  120

aaggaagtaa agacaagaat gacttgtgac tcaaatcctg gaagggatca taggaatagt  180

gtcctgtaag tatgcactgg cagcagcaac tccacttcca agctttacag gatagcccac  240

atctttcagt atcatctcca caccagctag acatcccaac agttgcaact cattcaagtt  300

gccaagatgt ccaattctga aaaccttccc agcaactttg ttcagtccaa gacctaagct  360

caaattgtat ctcttccatg cccttctaac tatttcagta ctatcaatgt aagcaggaac  420

aagaacagca gtcacagtgt cactgtacca ctcttncttt tgggtgcaat tctttaaaac  480

cccatgcctc tacagcaagt ctgggttgct ttgcctaaac gactgtgtct tgcaatcaca  540

ttt                                                                543


<210>      2491
<211>      530
<212>      DNA
<213>      Glycine max

<400>      2491

cacacatcca ctactcaaca caaaaaatag tcttaattag ttagtgtgtc aatttgtgcc   60

tcaaattgaa actagctata gatatggcca attcccttaa taaccacctg tttgttgtag  120

tatctattct ttctctctta gccttttcta gcaacgcaca actatctccc accttctatg  180

ccaaaacttg ccccaacctt caaaccattg tgcgcagtgc aatgaggcaa gctgttgcta  240

aagaagccag gattggtgcc tctattcttc gcttgttctt tcatgattgc tttgtaaatg  300

gctgtgatgg atcaatctta ttggacgaca ctgccacctt cactggcgag aaaaatgcag  360

gacctaacag aaattcagcg aggggcttcg aagttattga taccattaaa accaacgttg  420

aagcttcttg caatgccacc gtttcttgtg ctgatatcct agcacttgcc acaagagacg  480

gagttgtgct gctaggagga ccctcgtgga gcgttccact tggaagaaga              530


<210>      2492


917

```
<211>        510
<212>        DNA
<213>        Glycine max

<223>        Clone ID: jC-gmfl02220050e04d1

<400>        2492

ataatactct atttgtatta tttggtacat taataacttt taagcaaata acaacatacc    60

ctaagatacc tttcaaacct tttgttttcc tgaatcgcgc cctcaaacct tatgttaaca   120

cttcctataa gaaagacaaa agtaatggtt aaaaaagtaa gatttgcttg cataattaca   180

ctatatatag gagaaggaat ttgctcattt ttttctataa tactcttaat taattactat   240

tttttttcta taacatttaa atcttatttt tataaaaata tatatatata taaatttgaa   300

gttaattaat tattgttttt atagggtatt ttattgatgt tgtttgctga atggggtgat   360

agaaaaaaca gacatatcta attttcttgg cttggtaact aactgagtaa tcaatatatc   420

tcaagccaat tttatcaatc tgcaatacat atgttgaaag tgggtggaag tggattgttt   480

atgaagaaaa caaaactttg cccaatattt                                    510


<210>        2493
<211>        607
<212>        DNA
<213>        Glycine max

<223>        Clone ID: jC-gmfl02220050e05a1

<400>        2493

tctgagtatt ctgatcgctc cctgagagag ctcgtcgcgg cggttgcaga agaagattgc    60

tagatgaagt tcaacatcgc gaatcccacc actggatgcc agaagaagct cgagatcgac   120

gacgatctga aactgcgagc attttgggac aagaggatct cacaggaggt catcggagat   180

gcactcggtg aggaatttaa gggctatgtc ttcaaaatta ccggaggttg tgacaaacaa   240

ggatttccaa tgaagcaggg agtgctgact cctggtcgtg ttagactttt gcttcacagg   300

ggaactcctt gcttccgtgg atatggaagg cgtaatggag agcgttggag aaagtctgtt   360

cgtgggtgca ttgtcagccc agacctctct gttttgaact tggtaattgt gaagaaaggt   420

gagaatgatt taccaggatt gactgatgtt gagaagccca ggatgagagg cccaaagaga   480

gctttcaaat ccgtaaactg ttcaacctgt ctaaggagga tgatgttagg aagtatgtca   540
```

acacctaccg tcgtacattt acgacaaaag ctgggaaaat gtgagcaaag cttcaagata   600

caagact   607

<210>   2494
<211>   505
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e05d1

<400>   2494

ggaaggaaat gtagtttatt taggtttact attttttac ccatacaata ttacaataag   60

atttcatatt aagtaataat tgcaaataca atagaatcta ctgaattggt ctttaaacaa   120

ttctagccaa actcaattca tcgttatgtt cttcagctgt ggtcacaaac acattctatc   180

atagtatgta agcgttcttc gatccttttc ttgtgccaat aatacatcca gtaccatgac   240

ctttggtatt tatgcatgca aaagcctcaa gctaattcaa gccaagcacc atgacaaacc   300

tcgacacaat tagagagttt attatgccct acgttttttt ccactccatg atgaaccagg   360

ccacgatagt ttgggtactt gttccttact cttgttaact agtctttgtt tgacttgttt   420

tttaagaata aggtttcgag cttgtttctt cttatcttct gccttcattt tggagagact   480

gggcctgtat atgatgagag ttcga   505

<210>   2495
<211>   581
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e06a1

<400>   2495

ttagttcttg ttattcatta ttcattctca gcttcttttc ttctgggggg caaaaggggt   60

cacttttcag atccgagatt gagctccttt acccatcatc atcatggagc tcctcgggta   120

cctgaatcag ggtcaccctt ctagaggaac aacacttgtt attactcttt cattggtgct   180

ttcgacactt gtgtccttct ccactttcac acatgccttc tcttcttctg cgtttccgga   240

actgaatcct ataaaaccta ggcactcacg tcttctcagg agtgccgtgc aacatgaaac   300

tcctacatca cagctttctg aaatatggtc acctctggaa agccaaggat ggaaacctta   360

919

tgttgaatca aataagccaa cattaccaga gaagtccgag ggatatatcc aggtctttct   420

tgatggaagt ttgaaccaac aaaggatggg gatatgtgat gcaattggtg ttgcaaagat   480

actggatgct actctggtga tccatacctt ggattaaatc ctgtatggcg agattcaagc   540

ttcttcatgg atatatttgt agtggatcat ttcattgatg a   581

<210>   2496
<211>   293
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e06d1

<400>   2496

ggaaaaagac cccccaaggg attttatttta aaaaatagcc aaaaaaaaaa aagggcccaa   60

actttgaaat ctaggggata ataatgggaa aggtttatag ggaacctgaa acccaataaa   120

aaccggaaac ccaagcctta aacccatgga catttaacac tacaattccc gcgggggggac   180

attgaaaacc ccaaatcatt gggaataaaa gggggtttaa caatgcttta ggaaacaccc   240

cttagaaacc tgggttccaa aaaggcctca aaaaatccaa gcccctccta aaa   293

<210>   2497
<211>   495
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e07a1

<400>   2497

agaatataaa tttgtttatt ttgatagctt tatcatatga attttttatca tatgataaag   60

ctatcaaaat aaacaaccac gctgaataaa aaaaaatgat tctttgttac ctattatctt   120

ttttcttacc acataaaaac ccaaattgaa ttgtcgtaat tttcaaacaa aacatcaatc   180

aatatttcat tcaaatctca attcaaaatt ggatttagaa ttcttaattt ctatattttt   240

tttttcttaa agtagtagtt ctagcggttg actcgctttt ttcaaattgt ctttcattat   300

taagaaaagg taacgaagat aaaatacgag cttgttttat agcaattgtt attaatcgtt   360

gttgttttaa ggtcaatcta tttacgcgtc tggataatat ttttccttgt tcactaataa   420

atcgactaat taaacccatg tttttataaa taattcggtc ccccgattgg atcggggggcc   480

aacgcctacg aaaag   495

<210>   2498
<211>   442
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050e07d1

<400>   2498

ggaactggca aagatagtct cacatttata ttcatgcatg tttatagtat ttataaaatg   60

aaagttgaac tatggttctt gcggagaatg aattcaatta agtgttagaa aagtgcttgt   120

atcacacgca ttaacacctt tctttcaaca cattctccct cattggtaaa acccataatt   180

cttggcattg agtatgatac tccttaatcc accaattggt gacagaatca tgagtaggag   240

gccaaatata atgcagatcc agttggtgat ccaggataag ctgaacttct taggtttgta   300

aatagcaagc cagataatac aggggagaaa gtatgttgtt ggcgcaaatg caaatcctcc   360

aaaaaatccg aggagggcac caaagaaagg gaacgtaatg cccacaaaca tttgtaatgc   420

aacatanaca ttgcgcacaa ca   442

<210>   2499
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e08a1

<400>   2499

aaccttcaag tgctacaaag acgtcatgcg catgttcttc ctcgtcgtcg ccccctcca   60

actcatctct taccttcca tccagatgat tgggatcagg acgggcttgc cattaccttc   120

gtggcgggag atcctctcgc agcttctggt gtactttctc gtagaggatt acaccaatta   180

ctggatccac aggtttctgc acaacgattg ggggtacgag aagattcacc gcgtccacca   240

cgagtaccat gcgcccattg gattcgccgc gccctatgcc cactgggccg agatcttgat   300

cctcgggatt ccctcctttc ttgggcctgc catggttcct ggccacatta tcaccttctg   360

gctctggata gccttgcgcc agattgaagc cattgacacg cacagcgggt atgactttcc   420

taggagtatc acaaaatata tttcatttta tggtggtgct gagtatcatg attaccatca   480

ttacgttgga agacaaagct caagcaattt tgcttcaggt ttcacatact   530

<210>   2500
<211>   444
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220050e08d1

<400>   2500

aaaagtaaat atactgatgt cttttgttag gggacattga atcagaaaac tgtgcgacca   60

attttctcag ccatgtatga tgaagaagca gagttggcca tataacatgt attttaactt 120

taagcataag tatgcttgag ttatataagt ggacattatc caccatctat acagaaacca 180

tttagatcat gggacaagac atttgcaaaa ggtgcctagt taatccaaga tttctagata 240

aaatgtaaag gctttcagct atttgatcaa aaactttgat ggttgctctc ttcgatttct 300

gcaggctgct tttacgcttc caagcgcttg acaaatttgg tcattgattt tgttccatct 360

ttctttnttt tccttttaaa cttgtatggc ttatatagca tacaccttca ttgacagcat 420

tacattcttc agtcaagaat tttc   444

<210>   2501
<211>   467
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050e09a1

<400>   2501

ccatggcctc cgtagcactc accaccaccg cactccccta cctccgcctc cgccgcaaca   60

ccgccgccac cctcaaaccc aaccgccact cttccatttc actctcctca ctcaaaccaa 120

ccctcaacgc ttcaatttcc tccttcccaa atttctcact aaaaaaacca agcctagttt 180

tcaatcaaaa accctcctct ctaaccgtca gagcctccgc agcctccatc actccggcga 240

cgggacggag cacaggttgg gggcgtggct catgctcacg tgctttcaga ccttcgtcat 300

tacgtcggcg atgttcttga cggcgatggc ggcgaatccg ctgtgcgcga ctcttactct 360

gaattccatt aatcaaacta ttgggtggtt ggattgtgct aaagccgcaa ttggtcctgg 420

922

cttggccgtc gtggtgttgg tgcccgtgat tttgaatggt atatatc   467

gagtaatagt tgttcactag catgctttct tggtgagtaa ttataggtat attatatata   60

caagatttta cctatgattc taaagcattt gtgtttgttt tctctttata caaactatga 120

aagagaagac agtatacaaa gttgatttat atttgaagat gccatatgat tcaccctgtc 180

attgaggttt ggctgccaga atattactga acttggattg agatctgatg aaagatctta 240

tcctgtccca aagtgagaaa ttggaagcga aatatctgac catcactgac tttttttgaac 300

cttctctggg aaattctaat tccctgtcaa taatagagtg cttcatactg tctagatctt 360

caagcaatgg taatgacaca gaaccctgag actctaggtt tctgatccac ccgcgaagtt 420

ggaaatttat gatctcagga acttcatcat gagggcagtg a   461

agaagaggtt ttcgtttggt taagcaagat ggatttggaa gcagagaaag agcatgaagc   60

tgcatttgca gtggcctcac tctccctctc tctccccacc attttcccct tcgtccaacc 120

caagaatatc ccatcaacca cccttcaacc aaccaagctc aaagtcccaa cccaagcctc 180

atccctcaca cacctttctc tctccaccac cactcctcct ccttccaaaa cctccttcaa 240

atccaccgtc tccgccaacc ccctccacgc ccctctctcc ctcgctcccc accgcccccg 300

cgacccttcc aacgccgccg ccctccgccg cgccgccgtc gtctggttcc gcaacgacct 360

ccgnctcctc dacaatgagt gcctcaccgn cgncaacaac gactccctct ccgtcctccc 420

cgtctactgc ttcgacccct ccgact   446

<210>   2504
<211>   343
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e10d1

<400>   2504

acaggacaat aaaagaagca atgcattaaa gctgaaagta gaaagtacgt tcatcttcaa   60

aggagtgtaa aagagggtaa tatatatttt acagaatttc tgaaagagca gaaaaaggaa   120

gtaaagacaa gaatgatttg tgactcaaat cctggaaggg atcataggaa tagtgttctg   180

taagtatgca ctggcagcag caactccact tccaagcttt acaggataac ccacatcttt   240

gagtatcatc tctacaccag ctagacatcc caacagttgc aactggaaaa tatttaaaga   300

attaacaata tcaaaggttg ggaatgtcaa tataaggtta att   343

<210>   2505
<211>   440
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e11a1

<400>   2505

tcactctgtt acggtgcaac ctagcttcct ccaaatccaa tggcttcaga gaagaaactt   60

tgggaaccca atgagggaga taaaagtgca gaagctcgtc ctcaatatct ctgttggcga   120

gagtggagat cgtcttaaca gagccctcta ggtgtcggaa caacttagtg gccaaacccc   180

agtgttttcc aaagcaaggt acactgttcg ttcctttggg attagaagaa atgagaagat   240

tgcatgctat gtcactgtca gaggtgacaa ggctatgcaa cttttggaga gtggtttgaa   300

ggtgaaggaa tatgaacttc tcacaaggaa cttcagtgat actggttgct ttggctctgg   360

taatcacgag catatcgatt ttggaatcca agtattatcc tttcaactgg catttaatga   420

atggatttct atgctgttct   440

<210>   2506
<211>   227
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e11d1

<400>   2506

tttctgtctt tttttctcac tcttttatat tattagatta atttttgaaa ataaattatc   60

tgcaccagcc tggtgggtga catgccaatt tcttaatgaa agcatgcaat gcaattcatg   120

ggtaagtagg atggcaattt tcttaatgaa aacatgcaat gagtgtatca tgatacgtat   180

atgaattctg gaattctcga gcctcagttt ggacggttct acttctt   227

<210>   2507
<211>   114
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e12a1

<400>   2507

tttggttcga gctaatcagg cccggtgcag acaactactc tgaaggagca aactctatcg   60

aggccaagcg ttacactccc aagctggaaa aagtgtaccc caaactcttc ctag   114

<210>   2508
<211>   445
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e12d1

<400>   2508

tgtcgtcctt tttttttttt tttttttttt tttttttttt tctttttttt tttggttttt   60

gtggttcttt ccttgttgtc ttgccctttc ttcttattgt caaagaaacc cctgcacgcc   120

tgaaaaaaag gaacagaccg gggaaaaggg acaccccaaa aaggggccgc ccggggggggc   180

ccccgcaaaa aacaaaaagc gattgtcaaa acgctcaaac tgcgggggaa aacaaacagg   240

ccggggggaa aaggcttgaa aaaccccttc gcaaaaaaaa acttcctcgg gcccaaaagg   300

gcggggggggg gctccaaccg aaaaactttc cagggcccgg gggcaaacaa aacgtgcttc   360

caaagccggg ggcaaagcgg gcgagcttgc cggggacaaa ccccgccaaa acggggggacc   420

ccttcctcgg gcaccagggg aaacc   445

925

<210> 2509
<211> 571
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050f01a1

<400> 2509

attgtcccta aatggcggaa accctgatcc aaatcggcgt ggttgggtgc gccgacatag   60

cccggaaggt ctcccgcgcc atcacgctcg cccccaacgc cgccctctgc gccgtggcga   120

gccgctctca cgacaaggca gccgcattcg ccgccgccaa cggcttccct ctctcagcca   180

aagtgtacgg ctcctacgag tcccttctgg aggaccccga cgtggacgcc gtctacatgc   240

cactccccac cagcctccat cttcactggg ccgtgctcgc ggcccagaac aagaaacact   300

tgcttctgga aaagcccgtc gcgctcgacg tggcccagtt cgaccgcatt ctcgaggcct   360

gtgaatccag tggggcgcag ttcatggata acaccatgtg ggtccataac ccaaggactg   420

ctgccatggc ccacttcctc aacgatgctc aacgttttgg taacctcaaa tcggtattta   480

ttccattctg cttttcttat cgcaatgcag ctagcaaatg ctcctggact ttagtctttt   540

atcctacatt ttcttcactt caactttatt t   571

<210> 2510
<211> 564
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050f01d1

<400> 2510

gtgcagcaaa aactaatttc tcttataatt atttatacag aaacttttcc tatgagaact   60

tgtaatagag ttgaaacaaa cagttacaac ttaaaaggac tagaatttca ctccggaact   120

cctgagattg cagatgatga tgactttgag tagcgttcaa gcaatgatag taccttggca   180

gcttttctcc taaggtgtcc atccccatat atattcatgc cagtgagacc aattaaacgt   240

gatctagctg ttgttccata gtattctacc atttcctttg acacaaacac cttctccaac   300

agtcctagag cttctgcctt tagagaatca gttccccagt tcaaaatgtc cattatggac   360

cttattgcat tatattcatg caagacacga gctccccttt gaggaaaatc ttccaaaacc   420

aatgtggaga gtgtttgtat tgcttcacaa gcagttgcat gaacctcccc atgtaacagc   480

tttatcaagc caggtaaagc ctttgcttta aaagacaaaa tgtggtgtca cactggatac   540

actcccatgt gctgaacata acgg   564

<210>   2511
<211>   569
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f02a1

<400>   2511

aggaaagata agatgtcgtc tctgggcact tccaaaggga ttctagaaat tgccaagttc   60

ggcgtctatg tcaccgttcc catcattctc atgtacactt tcgccaacaa tcccagcaac   120

ctccgcaagt tcatgggaca taggtcatac attgaatatc ccccagaggc agaaaagcca   180

ccatcaccgg aggaacttag ggaaatggca cgggagaaag ctcaaggaag cagtggacag   240

taagagctcc acttagaaga tgggccttct acattaggtc atgcttattg tattcataac   300

agtcaccaag atattgcaaa tcatcattcc gggttccaaa aactagaaac ccttgtatat   360

agtgatatcc attggtcatt tgttgaggct aattccttgt ttaactttcc tcaaccaagg   420

aattgaatgg atgatgctca ttttctatca actaggattt tcttgattag atggtatttt   480

ggctgtttat gaaagaaatg gttgggaatt gattaccttc ccaatgtgta gttgaaaaat   540

gagacccaat tttttacccc tgtatgaat   569

<210>   2512
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f02d1

<400>   2512

aatatgaatg cttttttctta tattaactca ttttacatca atatgaacaa aggaaaaaaa   60

gaagggcaga accaaaaata tagttgccta ggcctgatgc caagttgcca acagaaacgt   120

cagaaaagct tctgtagatg ttaagatcca agtgtaataa attccaaact aacgaaattc   180

actaaaagtg gtggacctgc tgcctatgga cttttccttc actgttatct ggaaaccagt   240

gactaacttt aggattcaa atcagtaaca cattctattt gtagatccac tcgttggaac   300

gagcacccga ctgatccata tctataaaaa tgcttactgc cttccctata cgaggtcgtt 360

ccttcgactt ttctaggctg atccgaatat gagacacagc tccccaacat tttaagttgt 420

ttgcaatatc atcaagcctc aaaatatact cttcttcggt caatgggaag gatctctgct 480

tcatgtactt tcacatgaca ttcatcgcac ggagatttct tccatgaact 530

<210> 2513
<211> 322
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050f03a1

<400> 2513

agcatatact catctcacca cataagatat tattaaccct accatgtgca aactcgtgct 60

acaaactgcc tttaacactt gacttggacc attacctaac gatccagtcg tgggtgacat 120

ggtatattct gaacttctaa acggtgggaa acaacacgca gctacagtcc atcaattatg 180

acatggcttg actcaagctt cagacaatgg agcacagaga tacgaggtaa ctggtggcca 240

atgttgccat gagtgtggcc aggagactgc gctagttatt tcaagatcgt attgagaacg 300

ggtgatatgg atcagtttta ct 322

<210> 2514
<211> 365
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050f03d1

<400> 2514

gacgaaaata acaggcaatt cttgccacta agattattgg gacacttcat tctgaagatt 60

aatccacacg caaataagtt atcaattaaa gtttctaact cccttcactc tctctctctc 120

tctctatata tatatatcat ggtagttaag acgtatcata ttcagtttcc acctttaatt 180

tgcttagctt cattccactt ctcaatgttt ctaagtctgg cgtacatctt atcgagacgg 240

ttacgaagtt gtcttaaatg agagcccttc aacggctaat ttgatcgctc aagagtctca 300

aaaactaaac cgaattcgca agatgtacgc cagacttagc ttcattccac ttctcaatgt 360

ttcta 365

928

<210>   2515
<211>   541
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f04a1

<400>   2515

ctggctgcaa attccttgtg gtatccagat ttaacttccc aacaattttt aatgccactt   60

atcatgtgga attgctgggt gaacatgacg cccttttcttt gttctgtcac catgcttttg   120

gacagaaatc aatttctatg ggtgctaatg tgagtttggt gaagcaggtt gtggctgagt   180

gtggaaggct tccactggct ctgaaggtga ttggagcttc tttgcgagac cagaacgaaa   240

tgttttggtt gagtgttaaa agcaggctct cccaaggcca aagcattggt gaaacctatg   300

aaaccaatct gattgataga atggcaatta gtactaacta cctgccagaa aagatcaagg   360

agtgcttctt ggacctgtgt tcttttcctg aggatagaaa gattcctcta gaagttttaa   420

tcaatatgtg ggttgaaatc tatgacatcg atgaagctga agcatatgcc attgtggttg   480

agctttcaaa caagaatctt ctcaccttag tacaagaagc acgtgtcggg tgcatgtata   540

g   541

<210>   2516
<211>   547
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f04d1

<400>   2516

aattgcaaca tctgatcctc tccattttcc atggtacaca gtcccaaatg taccagaacc   60

cagctctcgc aactcttcaa gatcttcatt ctttatgaac tgcacagtac tggtgtcaaa   120

ttcccctgct acaaccacat tcctcggttc attcttgtca tcctggtatt cagactcctg   180

tggtcgtatg ttttccatta tggcatccat gttcttattt tcattgccct ttagttggga   240

atgctcatat ttttggtgaa agatacttgc ttctgtttta gttgctacag gtacattttt   300

ctgattttct tcaccaatat ttaggtggga atctgtgcgt cctgccaaaa caccaccagc   360

tggttgagga gcagatggct gagatttact atcccctct tgtactttc tcacagcaga   420

929

```
cgaaaaacca agattatcct gatcaattag agatacatta tcaaacccct ctagagccaa      480

gttctgaaaa tatgaccaac gtttaggctc atgattgtcc atatttaagc tcaaacctgg      540

tctatct                                                                547


<210>      2517
<211>      544
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050f05a1

<400>      2517

ctcgaagatc gagatatcta tttagatctc agaaaaacag tgtttcattt caattcattc      60

agtcttatta ttattagggt ttggcgattc agagagaaag agaaatggga gaacgaaaag      120

gaatcccaat tgctctgggg ctcttggcga tgctcctctt cttcattgct tcttcctctt      180

cctctcacct cgttcgtgct tccgatgacg ccgacgacgc gatcttctac gagtcattcg      240

acgaggattt tgacggacgg tggattgtgt ccgacaagga ggattacaac ggtgtctgga      300

agcatgctaa gagtgatggg catgatgatt atggacttct tgttagtgaa caagcccgga      360

aatatgctat agtcaaaaaa cttgacgagc ctgtcagtct taaggatgga acagttgttc      420

ttcagtttga gactcgcctt cagaatggcc tcgaatgtgg tggcgcatat attaaatatc      480

ttcgacccca ggagagcgga tggaaaccac aggaatttga taacgaatct ccatattcta      540

tcat                                                                   544


<210>      2518
<211>      557
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050f05d1

<400>      2518

gccggcggcg tcgccatgcc gccgacgctg gcgaccgagg cgctcgacac ggacgccggc      60

agcgtggccg cgtggctgag cggcgaggcg agcggcgaag tgcgtggcga cgcgcgggc       120

gaagaggagg cggcggcggc ggcggcggcg tcgagcgagg cgcgcgcaga gagctccaag      180

gcctcgagcg cggcagcct aggactggcg agcgccgcgg cggcactgct gcgcgctggg      240
```

```
gcagtgaggg gcgcagacag cggcgaggcg gagccggcgg gctcgacgat cagtggagcg  300

tcgtgcagcg tgctgttgtt gcacacctgc ggactctgct cggcagactc gaagccggac  360

acgccatggc tcgtcgagct cgacaccgtc gattcgcgtc tctgctcgcc gagcgcgcgc  420

ggcggcgcgt ccgcaacagc tggagacgca gcggcgctgc tgctgggcgc gtcttgcggc  480

ggcgcaagcg ccttctcgct gatcagcggc gaaggctcga ggccggacgc cgggagcatg  540

cctcgtcgac ttggcgt                                                  557
```

```
<210>      2519
<211>      441
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050f06a1

<400>      2519

cagctttgga aaaaccaacc agccaacggg tttttttttt ttcacctcct gaaatttctt   60

tggaagaagc ttgcacaagg tggtgtcaca gagacaggtg ttggcttggt tatataggcc  120

ttggagtgaa aattcaatat tttgcatgga agccagagaa ggtattagtt ctggggttac  180

agtgataggg gcagaagctc cattagctta ccatgtggct ccgaggagtg aagctccaaa  240

ccaggttcat gtccctgatg gtggggggtgg tgctgctgtt acagttgcac ctgttggtgg  300

ctaacctgtg agtgaggggt tggatggaac agttaataag aaactgtgta gaccgaggaa  360

atttgggcct gatgggtctg taactatggc atttgtcgcc aatgccaatc tcgtcttctg  420

cttcgccttc gaattgactt t                                            441
```

```
<210>      2520
<211>      330
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050f06d1

<400>      2520

ggagaaaagg acctggttac agtcgttttt cgttactgta caagtctggt ctatccagag   60

cagagtcaca agcaagttca aggggaaact tagtttagct agagtacatg catgatacaa  120

aatgagcttt ctataaacat actaaaatta tgattgcagc tcttttttaac aggactagca  180
```

aaattatgct tatttgcaaa cccgttagtt ccataagcat atcaataact tctggtttct   240

ttttcttttt ctataagtct agcaaaaaat tggcacagac taagaagggt gatttcattt   300

cacatggaaa taggaccgcc taactctttg   330

<210>   2521
<211>   559
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f07a1

<400>   2521

aagaaattta agtgaggagc tagagaatga tgatgaagtc tgctatgtgt gcagtggtgg   60

ttgtagcact tcttcttctg gcggaggtgg ggcccatggc tgaggctgtg acatgcaccc   120

caacagagtt tgagtccgtg tcttccagca atcacttccg gtgctaaacc ttccaatgct   180

tgttgcacga agctgaagca gcaaaaacca tgcttatgtg gctacctcaa aaacgctagc   240

ttgaagcagt atgttaactc tcctaatgcc cgaaaaaccg ttgcttcttg tgggattccc   300

tttccaactt gttaattaaa taagccttct tataattaaa gtgtgggata tatatatata   360

tatagataaa cagtttaatt tatacacact ctgatcctac aaagcatctt gacacaagca   420

ttcataggat ttcaccattt tatcgcaaca ttttaacatg aagcgggaat aaaggaaatc   480

cttgttgaat aattggataa cgatgtttat actaatagta tggggtttaa ttaaacttat   540

attaataatt accctatat   559

<210>   2522
<211>   433
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f07d1

<400>   2522

gggtcttaaa cgtgctactg tgtagttatc aaattaaaat gcagcacaca aaatacatta   60

catgcccagt agtggtctcc agagtcaaca ggtcagctgc gttcagatct ccctcgcccc   120

aaacaagatt atgatgagct acttggactt tggtgaggtc gaggtgatga atttggagat   180

ctggatcttg actgggatct gcaaaattta ttaattaaca aaactcaatt caatatccac   240

932

```
aatgatccac gatccaatat tccacatcaa agttaccata accaaaacga agaaactaat    300

ccaccacaaa tcttgagcag catccaagtg gaaaagcaat tgaacccagt atcacacgtc    360

tatagtctca acaagtgtta aaaattctat tgtcaacagc acatgatatc ttgatccaat    420

tatagggaag ata                                                       433
```

<210>   2523
<211>   500
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050f08a1

<400>   2523

```
ggttcatcaa tctcatcgcc ttcgattacc cacttgtcac acaagatggt acgagatctg     60

ctgcatacgt tttcgtacct gccgcgggat ctgaatttca ttgatcatac gagtgacatt    120

ggatggaaag atcatcagcg tgcgaggccg atcatcgttg atccgggttt gtatatgaat    180

aagaagcaag atgtgttttg gattacacag aggaggagta ggccaacggc tttcaagctt    240

ttcacaggtt cggcttggat ggcactgtca aaatctttca ttgattactg catatgggga    300

tgggacaacc taccttgaac cgtactcatg tactattcaa atttcatatc ttcccctgaa    360

ggatacttcc acacagttat ttgcaatgca caagagttca tgaacacaac tgtgaacagt    420

gatttacatt tcatctcttg gacaattct cccaagcagc atcctcacta ccttacagtt    480

gatgacatga aagggatggt                                                500
```

<210>   2524
<211>   436
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050f08d1

<400>   2524

```
gcaggcggca tcagaatcta gttgaataca tgtatgtcat caataatcta ttctccgcag     60

tcgtggagcc tgatcccaca tcaatccaca attaaacccc aaaggcatcc ctctttgaac    120

ccaatcgctc atttcagctt tgtcaccgct tataccagca tcccacgcta cccacaattc    180

ccagccgcac tcttaccgct caaacaacca ccgtcccccc aatatcacac agtcccactt    240
```

```
cttcgtccca ttccagtcct tcagcctcag cagccttctt ccacctctcc accggctcag   300

tcacaggctc atactgcgca ctgaatgccc ctcgaaacgt gccgtagtgc atagcgatac   360

tcttcttgct cttcacatcc ctatgaatcg ccagcgaatc ttccggactt cagtgctgtc   420

ctgaccagat ggtgcg                                                   436


<210>      2525
<211>      523
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050f09a1

<400>      2525

gtgaaaacca aatttggggc tttgcatcgc aagatttacc ctttccaatc aaaattcttc    60

tgccttcccc aaccaattgt ctttctcact atcgatttgt aagtttctct ctcagaatgc   120

ttatttcgtt atcaattcat gttttattt ttctacgttt ttattctgag acgagatctg   180

tatctctttt gttaaaatat acttttcttc ttgttttgtt ttctcgttcc actaattgca   240

acgttcaatc cctagattta tacgtcgatt attcgattga ttaattgttg attttcgtgc   300

aattcgctgt ttcgtatttt agtataacct tgtcggtgac aatgatgcaa atgcgatata   360

gcctatggtg atttttttta atttatttgt gacattgtag ggtttggttg gcattgtaat   420

tgattttgtt tgtgaagatc tgagtgaggg gttaggcaaa tgacgagtgg tttggtgaat   480

caactagagc atttgcaccg agccattatg ctcggggaac agt                     523


<210>      2526
<211>      451
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050f09d1

<400>      2526

ataataataa tttactttat tttcatacat ttgattcaaa cacaacaata tttccttgag    60

gagaaaacaa aatatgtgta aacactaatc atctcccgtt gtaaataaat caataagtta   120

atttctcatt cttgaattac ttccaattcc aaaggtagtc ttgccgaagt caatccacta   180

ggaatagtgg aagtggatga gtgaaatgga ttaggaggaa cagttaatag gtcttcctct   240
```

934

ttactttcca acatttgtat gacagatttt atggatggcc ggttcaatgg ctgccactga   300

atgcaccaaa gtccaacaat tgctagtttt cttgcaattt taacatcacc ttcatcctca   360

acatggatat gtacatctcc atgaactagg tcatgcatcc aatctgggta caacacatgg   420

aaatcttctg cagaagacgt gtctacattc t   451

<210>   2527
<211>   474
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f10a1

<400>   2527

cttggccggt cctccaggca caggaaaaac ccttttagca aaagctacag caggggagtc   60

tggtgtaccc tttctttgtt tatctggttc tgatttcatg gaaatgtttg ttggtgttgg   120

accatctagg gtgagaaact tgtttcagga agcaagacag tgttcaccta gtatcatatt   180

tattgatgag attgatgcaa ttggtcgatc aaggggggcgt ggtggttttt ctggtgcaaa   240

tgatgaacgt gaaagtactt aaatcagct gttggtggag atggatggtt ttggaaccac   300

ttctggagtt gttgtgttgg caggaacaaa taggcctgat atcttagaca aagctcttct   360

taggcctggg cgatttgacc gccagataac aattgacaaa cctgatatta aaggtcgtga   420

ccagatattt cagatctact tgaagaaaat caaacttgat cacgagcctt cata   474

<210>   2528
<211>   175
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f10d1

<400>   2528

aaacattatc tttttgtaat taattgatca attaaacata taccgttgat atgtgagggg   60

caactacaca agaattctgg gataaaatac aaaaagtttg tacgtaatga ttcccattcc   120

caggagcaat atttcgcatg gtaaagtcaa agtattaact acggaaaacc tagat   175

<210>   2529
<211>   518

<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f11a1

<400>   2529

acccccacca tcttggtcgt tggtgcgggc gatcatggat catcatcgtc accctcatca   60

caccacccct ctctccgagc ccaccacccc caccacccct cgccccaccc tcttcctctc   120

cacctccggc aaggcccttc ttctcttcaa ctccaacaaa tccctcctcc tctccaactc   180

cagcaaacgc ctcgacaccc cgaggaaaaa atatgtcaag caagtcaccg gccgccataa   240

cgacaccgag ctccacctcg ccgcgcagcg cggcgacgcg gcctccgtcc gccagatcct   300

cgccgagatc gactccatca tgatggggag cttcgagttc gacgccgagg ttgccagtgt   360

caggtccgcc atctttaatg aggtgaatga gctgggagaa accgccctct tcaccgcagc   420

tgaaaagggc cacctcgacg tcgtaaagga gcttcttcct cacaccagcc acgacgcgct   480

ttcctctaaa aaccgctccg ctttgacac cttgcaca   518

<210>   2530
<211>   565
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050f11d1

<400>   2530

tcgcgatcta tactaaaaaa gggtatcctg agcaatttca ataatagggt tcattgatat   60

tcctagtata gtagatgcta tcacacatac aatcatactt aattcgatgg aattgtttga   120

tcttaaaggg ggccttcgat aatttcgcac gtgaggagtt atttcttggt ttcgtccagt   180

cattaataac ttgattattt ttaaataata gtagatagaa acaacactcg taaggagtcc   240

tattgaaact aagaaatata agcctgcctg ccatccacac cagaataaat aaagttttcc   300

gaaaaaacct gatagtggag gaagacctcc taaggataag agacataggg ctaaagagag   360

agccaaataa ggatctttcg cgtataatcc tgcataatct cgaatgttat cagttccggt   420

acgtagacca aatgatacaa tgcaagcaaa agttcctaga ttcatcgaga tatagaacag   480

catataagtt atcatgcttg catatccacc atttgagtct ccaacaatta tatcaataat   540

tacatatccg atttgaccta tggac   565

<210> 2531
<211> 598
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050f12a1

<400> 2531

```
ctgaaacaaa gaagtgaaaa taacagcaaa aagtaggagc tgcagcagct cccccgaagc    60

ttatctcagc ggcagactct gaaagctgtt tgagtagcct caacccggag aatagcacca   120

atgggagagg aggaaaacaa accagaggaa cccatggcaa aggagaaaaa cccagaggaa   180

gaagcaaccc aagagaaaaa accggagcaa gagtccaaag aggaagttgc tgctgctgct   240

gctgctccgc caccgccacc gtcaccgcca ccgcccgaga ttgtgctcaa agtgttcatg   300

cattgcgagg gttgcgcccg caaggttcgt cgctccctca aggattccc aggtgtcgac   360

gatgttgtca ccgattgcaa atctcacaag gtggtcgtta agggagagaa agcggatccg   420

ctcaaggttt tggagagaat acagaggaag agtcacagac aggtcgagct tttttctccg   480

atcccgaaac ctcaagagga gaagaaggtc caagaggaag agaagcccaa gcccaacccc   540

gaagagaaga aagaagagcc tcagattgtg acggttctga aagttacatg cattgcga    598
```

<210> 2532
<211> 483
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050f12d1

<400> 2532

```
tttcttttttt ttttttttttt ttttttttttt ttttttttttt ttttttttttt ttttggtttt    60

tgtttttttt ttttttttttt ttttttttttt ttttttttttt ttttaaaaa aaaaaccccc   120

ccccagggg ggggccctgt ttgggaatcc ccccccaaag cccgggaaaa aaggggggtt   180

ttttaaccca ggggaacccc aggccccggg ggggggacccc caaagggaaa aggggggaagg   240

ggggggcgggg ggagaggtcc cccccccct ttttaaccca ccccagggg taaaaacccc   300

ccaaacccccg ggtccgaaaa aaaccccccc tttaaaaaaa cccagattac agaaaacccc   360

cctttgggggg ggggggcccc aattcccccc ccggggggtc ccacaaaggg ggcaaaggga   420
```

937

cccccccggg gacaaagggg ggggcccctt gggccccttt ccccgggggg gacccccttta 480

ccc 483

<210> 2533
<211> 566
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050g01a1

<400> 2533

aaaaacgctg caataatatt ctattttcaa agggaaaccc aaaaactgaa gcgcgaggaa 60

gctaaaagta gcaacgaggg atgagagaac aagaggattg gaggattacg acagcgctgt 120

taacgttgtt gttggtgttt gtttcttctt ttccggcgtt gagctacgga gttgttcctc 180

ctcgtactct gctcaataag ctgtctcagg gcagttatct caccactcag gagcaatggt 240

tcaatcaaac cctcgatcac ttctctccct atgatcacca tcaattccgt caacgttact 300

tcgagtttct agactatttc cggattcctg atggaccaat tttcttggta atcggtggtg 360

aaggtccatg taatgggata acaaatgact atattggtgt actggcaaag aagtttggag 420

cagctatggt tactcttgaa catcgctact atggaaagag ttccccattt aattctttgg 480

agacagaaaa tttgaaatat ctttcattca agcaggcact ctttgattcg gctgtttttcg 540

tcagtattat cacgattcct taaatg 566

<210> 2534
<211> 581
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: jC-gmfl02220050g01d1

<400> 2534

gtctgcaaac ttaataaata aatagcatta aaatttcata tggtacaact tcatgctgtc 60

tgataaggaa ataaaaccaa tacaataggc caaaactgca agaattgccc cacagacaac 120

cctatattct cacgcaatat ggtaagaaaa aacaattgag gaatagaacg agaagctccc 180

acgccacaat tccctaacct cctctttttgg actcaatcgc actattaaca ctcataatat 240

```
acacattcta gagaaagttc cctttccaat cacaattgac tctgcattct caaaactgat   300

atagaacacc atgcaagaat gaatgatgga aaccatctta tggcaaaaag aatgggtaca   360

aatatagaga ccaccaaact ggaaaaagct tgttcccaaa aagagcaaga caccaactgc   420

caagccagat gctatgaaga aatgatggat atgcagcaaa gcaatgacaa ctatgtagaa   480

aggatagatt gcaatgcang ttgttgctgc ggctgcacag atgaccaagt agaagcgagt   540

gtacagggtg gtaaagttng ctggagcttg ctgagtaaat a                       581


<210>       2535
<211>       563
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050g02a1

<400>       2535

caacggtccc tttccttaaa aacggctact ttctctctct acaattcaaa ctctcatttc    60

aaaccaaaaa actctcactt tcttcattct ctccacaaaa tcaactcatt tcctcttctc   120

agcagcgacg acgacggaaa atcattccca acacgatgca atttgtagat cccttgcatt   180

gttcagatac aaagagcccc aaaatgtcca aacctcaaaa tgatcccctt ttgcaatcgg   240

aaacaacttg tggaacactt ctctatgaac ttcagataat atgggacgaa gttggggagg   300

ctgagtctga cagagataga atgctgtttg agcttgaaca agagtgtcta gaagtatacc   360

gaaggaaggt agatctagca aatcggtcta gagctcaggt aaggcaggca attgctgatt   420

gtgaggcaga acttgccgcc atttgttcat caatgggaga gagaccagtg catattcgtc   480

aggctgatca aaatgctgga agcctgaagg aagagcatgc aagaattctt ccgcagttgg   540

aggagatgca caagaggaaa att                                          563


<210>       2536
<211>       566
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050g02d1

<400>       2536

acaaccacaa gaataccaca tatatctttt cttttcatt ttttttgca ttgtaagaag      60
```

939

tattaacagc caacacaaaa ttatatttga aaattcagag agagagagag agagagagag 120

aatgagagag cttgatcagc tcagtcctaa cacaaatgta cactacagca cgtacgtaac 180

agaacagaac agaacagggt tctatgttct acgttttatc cttaattagt aagagcactc 240

cattctatgc actcgggccc tcagaatccc gttatacaaa gccattctgt ttgctggcaa 300

tggcattcca ccactttgtc ttctgcagtt gcttctttgc tcattccttt ctcttccatc 360

cttcacacta tctgcaaatt tgactttctt cttttttcttg ttctttgtct cccttttctt 420

ttcctctgaa tacaagcaag agcgcaaggt gggtttgtta gagtggtgaa tttgaaatga 480

aggcctggag aaagcaacat aaagcagggt ggtggagaga agcatggcag tggtgagaag 540

aatgccctgt gagatagaag ccattt 566

<210> 2537
<211> 539
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050g03a1

<400> 2537

gccattcgca tgaagactgg tgcccaaaga atgtgcatgg catcgccttc cattgatcat 60

tttgttgatg ctttgaagca aactgtcttg gctaataagc gttgggttcc tccaccgggc 120

aaaggatcct tgtaccttag gcctctgctc ctaggaactg gtccggtttt gggtttggct 180

cctgcacctg aatacacatt cctcatattt gcttcccctg ttcgcaacta tttcaaggag 240

ggctctgctc cactcaactt gtacgtggag gaaaactttg accgtgcttc tagccgcggc 300

actggaaacg ttaaaaccat ttccaattat gcaccggtct tgatggcaca aattcaagcc 360

aagaaaagag gattttcgga tgtgctatac cttgattcag acaccaagaa aaatctcgag 420

gaggtctctt cttgtaacat ttttattgcc aagggcaaat gcatctcaac acctgctact 480

aatggaacta ttctttccgg aattacccga aatagtgtca ttgaaattgc tcgcgatca 539

<210> 2538
<211> 567
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050g03d1

<400>   2538

caaataaatt actttcctca attaaaattc tcaatccaaa cacaatctta gtgtcactta   60

caaaattgac aagtaaaaat ataccattac tctgaaaata caggatcaaa actggcaaaa   120

ttgcaaatga cttgatatgc catatatgct tatatcccaa ccaataccct acaggctata   180

cttcaccgt tgtaataagt aaacaagata cttccatcta cgtaaatgat tcaaacttgg   240

ataattttgg aaatatattg taaagctaat aacaatatca gctcttgaat ctaatgcttc   300

tactgatagc cgcattaatt ccagaggatt ctccaccata aggagcggtc ggcctcttga   360

tactctgaac ctgccccttg cgattcttaa cagctttttg atgcttgagc ttgtaattct   420

ttctgggata cttttttgct ttgttgcgat tgcgggttag tcccctattc ttctcgatct   480

gagaagaaat atggcgcttt ccttctacag tctctggcaa tgaagagact gaagagttcc   540

tgtaatagca atcaatcttg agaagtc   567

<210>   2539
<211>   524
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050g04a1

<400>   2539

gctacttcct actccaaccg cacttctgct ccgcaattat catgggcaag gtcaagatcg   60

gaatcaacgg atttggaaga attggccgtt tggtagccag agtggctctg cagagagacg   120

atgttgaact cgttgccgtt aacgaccctt tcatcaccac cgattacatg acatacatgt   180

ttaaatacga cagtgttcat ggacactgga agcatcacga tgtcaccgtt aaggacgaga   240

agacccttct cttcggtgac aagccagtca ctattttgg acacagaaac cctgaagaga   300

tcccatgggg gtcaactgga gctgacatca ttgctgagtc caccggagtt ttcaccgata   360

aggacaaggt cgccgcacat ttgaagggtg gtgcaaagaa ggttattatt tctgccctca   420

gtaaggatgc ccccatgttt gttgttggtg tcaacgagca ccagtacaag ccagagtttg   480

atatattttc catgctagct gacaaccaac ttgcttgccc actt   524

<210>   2540
<211>   497
<212>   DNA

941

<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g04d1

<400>   2540

gtctataaca atttcattaa aacaaagaga atatgaatac attacactga gttaggagaa   60

taatagaccc cccttaagat aaattttcat aacaaaccaa gcaatacatc aatgaaacaa   120

atcaatccaa ttcctcaaca aaagaaacaa gccctccaaa aagctcaagc atctgtgtat   180

tctatctatt tacaaaagca gcatgtatgt agttgtctaa tgggtcactt ttttttttatt   240

ttgatgatgg tggtgtcttg gggtgtgaag acttgcctgt aatggccttc ttcactttgg   300

aaattgaatg cttcaccttt gaccctacac ctgataggat gccatgagat tttttgtgtg   360

aaactttcgt gtcggtgtct tgagagtctc tggatatcac actcacacta gatgatgggc   420

ttattttctc gaattcgtct cctgcttcgt cttctttgtg atgcccggtt gagtgatttc   480

ggcctctgga gtttccg   497

<210>   2541
<211>   507
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g05a1

<400>   2541

ataattttt ttctccatta gattaccaag ctctgcaact ttgcttctca acatggagta   60

tcgtctccta cccatttta ctttactcaa tattgcactg gtggcaaccc atgctgcttt   120

accccctgaa gtttactgga agtcggtgct tcctactacg ccaatgccaa aagccatcac   180

tgatatcctt tactctgatt gggtggaaga gaaaagcagc tcagtgcatg ttggaggtgg   240

aggcgtgaac gtgcatacag gaaaaggagg tggcagtggc accactgtca acgttggtgg   300

aaaaggaggc ggaggcgtaa acgtgcatgc aggccacaag ggaaagccag tgcatgtttc   360

agttggctca aagtctccat ttgattacgt ctacgccgcc acggaaactt aattacacga   420

tgaccccaac gtggcactct tcttctagga aaaggacttg cattctggaa cataggtgga   480

cttgcacttt accaggagtt catttaa   507

<210>   2542

942

<211>   592
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g05d1

<400>   2542

agttattccg atattcggac gcatcaactt gttatgaaat cacattgata gcctctactc   60

gtgtcctagc tcgtctaaga gctagatttg cctcaattgt ttgtctcttg ccttccgcct   120

tattcaaatt agcttctgct atttcaagag tttgctgtgc ttcttgtgga tcaatgtcac   180

tacccttttc cgcatcattt actaaaacag tgatctcatt attgtttatt ctagcaaaac   240

cgcccatcag agccatcgtt aaccattggt ctttaagaag acgtattctc aaaataccta   300

tatctacggc tgtggcaata ggcgcatgat ttggtaatac tccaatttgt ccgctattag   360

tagataaaat gatttccttc acttccgaat cccaaacaat tcgattgggg gtcagtacac   420

aaagatttaa agtcatttct tcaaattgct ctccatttct aagttcgtag ctttcgcagt   480

agcttcatcg atattaccta ccaaataaaa ggcttgttca ggaagaccat cctattcttc   540

agaagaatca atttaaaccc ttctaatgtt ctgtagacta acatatttcc cc   592

<210>   2543
<211>   539
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g06a1

<400>   2543

gccgccttga tcctgtatat aacgttggga gagaaatcaa gatctgagaa gtttcacctt   60

tcttcaaccc ctcttgctct attataattt aatatcttct agagattctt ctcgtgccaa   120

cccatttatt tttctcgcag gtttcatgtc aattctgttt gtgtccgagg tttgccaagt   180

tttgtttttt attttctgaa atctcattaa tatattgttc agacattccc attttgagat   240

tttatctgtt aggaagaggt ccttttgctt ctgaatgaga gtgtccaatg aaagtttggt   300

ccttgatgca taattaaatt gttctattga gtggtggcaa gtcaaaaagg tcttggcttt   360

ttcgtaagag aatattgctt tttttagtaa gattatatat ggtgttggtg ctatatttaa   420

attaaagaac cctgcaaggc cctgtgtgct tcttggttca gcattgccat tatcttcttc   480

943

ttcttcttct tgttcttctt ctcatggctc ttatgttagg ctttgatccc tggtcccat   539

<210>   2544
<211>   129
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g06d1

<400>   2544

atctcgcatt aaaacagcac tagattgtca tgatcatcaa ttaagtacaa caagaaagtt   60

tcaagagaaa acacaagccg gactgcagca gcatatattc actaaaatac tgatactagc   120

acataattt   129

<210>   2545
<211>   565
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g07a1

<400>   2545

agatgcaact atttgtggct ttgttttcca atttccacta ttctttttga attttgcaat   60

tgagtaattg aaagtgcttt gtcctttctc ttgtcgagcg aatgaccttg aatttcccgc   120

atatgtcacg ggatagagcc tgacgaaaac tagcaaggag ggaggttttc agtattttct   180

ggacaagctg caggatgcct tctgaaatca tggagaagag gggtgcttct gcctcatctc   240

gcttttggga tgacatttcc tatgtttctg agaagaatac tggattacga aagccaaaat   300

ctatccatga ccattttcta caagggaaga gtgaaatggc ggcatcacct ggcatcattt   360

ttaatacttc gtcacccctt gaaacaaatt caaaaacagg cttgtcaatt tctcagacta   420

ctctatctcg ggaaattaca gaagacctac attttggcag agaaacaggc aatacagata   480

tgctgaagga ttccaccaca gaatcattga attatcacaa gagatcatgg tctaatgtgt   540

ataggcagtc agcttctggc tcata   565

<210>   2546
<211>   261
<212>   DNA
<213>   Glycine max

944

<223>   Clone ID: jC-gmf102220050g07d1

<400>   2546

ggggaaaag gaaggggttt ttcaactttt gggaggaaaa aacctggaat tttaaccccca   60

aaggcaaccg gaaaaaggtt ccaaaaaagc cccttttta ggggccccgg gaaaaaacaa   120

aaatcccaac cccaaaaaaa cctggggga aatctggggg gcgaaaaatt attttacccc   180

ccggcgtttt cccaatctcc aaatttctac ccaaaaaaag ggtgggattt tcgccggacc   240

cccaaagggg atccatttgc g   261

<210>   2547
<211>   493
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050g08a1

<400>   2547

caacatctct atcgagtaaa ttaactatga agcctaccct actattatcc ctttccttcc   60

tgcctctctt tgctttcctg gctctttcag aagatgttga acaagttgtg gacataagtg   120

gcaacccat tttcccaggt ggcacatatt acattatgcc atcaacttgg ggcgctgccg   180

gtggtggatt gaaactaggc cggacaggaa actcaaactg cccagttact gttttgcaag   240

attactcaga aatcttccgt ggcacaccag tcaaattcag catacctggg ataagccctg   300

gaatcatctt tacaggtact ccacttgaaa tcgagttcgc agagaaacct tattgtgctg   360

aatcctccaa atgggtggcg tttgtggaca atgaaatcca aaaggcatgt gtgggtattg   420

gtggtcctga aagtcatcct ggtcaacaaa catttagtgg cacatttagc attcagaaat   480

ataaatttgg ata   493

<210>   2548
<211>   377
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050g08d1

<400>   2548

gaaacacaat ggtacacgca aacataaata tttaaaaata taatttgtcc cgataaaact   60

tcaattcacg gtacaaaaac agttccgtac gatttttttg aagataaacc aaggtcaaaa   120

tactacaatt ttttgaaagg gaagaaaata agaaaaagca ggtggcgaaa acagaactcc   180

atttggtaat taaaatattc tgatcaggaa gtagcatttc attataaaca cgccaattgc   240

attaggtcct taaacttcag aacttaaaag aaacgccagg ccaggtataa aagactgatg   300

cacttatggg ggatctagtg ccccatgtag ggggcgattt caccaccata ctggcctttt   360

ccagatccac cctggcc   377

<210>   2549
<211>   507
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050g09a1

<400>   2549

ctcgcttcct tctcttcctt ctctaactat atatattttc tttttctctc tgtttcttcc   60

tttttatttt atgctttttt ctccgatgtg actggcgttt gtttggtgtg tttttcgtgt   120

gcgtcgaacc ctctgcgttc gttaattttg ttttgtgttt tcggatcgac ttgtttcgcg   180

ttcggttgcg gggatcttcg gtttaggtaa atgagtggta aatgagtggt ttttgagcag   240

aagcagttaa aagagaaagg gattcagcga agatgacatc ggttggtgtg gcaccaactt   300

cgggtttgag agaagccagt gggcatggag cagcaggtgt tgatagattg ccagaggaga   360

tgaacgatat gaaaattagg gatgatagag aaatggaagc cacagttgtt gatggcaatg   420

gaacggagac aggacatatc attgtgacta ccattggggg tagaaatggt cagcccaagc   480

agactataag ctacatggca gagcgtg   507

<210>   2550
<211>   487
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220050g09d1

<400>   2550

cccacggaaa tctttgaacc atatgtcaag ttatacacgc acaatttttt tgaactttga   60

cagaagaaat gcagtagcat cacacctata atttcctttt cacaaaaggg aaaaaaagcc   120

946

aaaatcactc gtgctaaatg atatagaagc aacaactaaa acaacagagt gacaaaagaa   180

tacaaaaaat aggattaaat tgaatcaccg cacttgccac atgcatctaa ctgttgaagg   240

gcagaaagaa agcagcgcat gctctgaaag accaaatagt ttcaaacaca tgttctgaaa   300

gacctgatga aatgacttga ttaccaaaaa ttgtggccta tgcagcagcc actgacggtt   360

cctttgctgt caagtttgaa acagccaaat gaaattttc tctagtttta gtacttgcaa   420

catgtncagc ctttgccacc ttgctaaaag cactcgtaaa ccatgctgtt ccagcagtca   480

catatct   487

<210>   2551
<211>   412
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050g10a1

<400>   2551

gcaaagaaga gtaatgaagc agtgttgaag gattggtcaa agaagtccaa tcttaaggca   60

gagagagtta attacacggc tgaattcata gttgactcta gttttgggga gccaggagct   120

attactgtga caaacaaaca ccagaaagaa gtctttctgg aaagcataac aattgaagga   180

tttgctagtg gaccggttca tttcccctgc aattcatggg tacaatcaag aaaagatctt   240

cctggaaaga ggattttctt ttccaataag ccttatttac ccggggatac acctgctgga   300

cttagattat tgagggagaa agagctgaga aatcttagag gtgatggcaa aggagttaga   360

aacttatctg acagaatata tgactatgat atatacaatg atttggggaa tc   412

<210>   2552
<211>   509
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050g10d1

<400>   2552

aatacaatta aaagaaaata tacactatga tgaataatgt tacatgaatg aaaaggaccc   60

aatactttcc ttcccatgca aaccagaaat ctctattgga tgttgtttaa atgctagagc   120

cagtcatgat gattcacacc atgaaagaat acaagcatat atacatatgt catatgtata   180

947

```
ccactaatgt atgtacatat acatatgcat atggactttc atatgatttt taccaaacaa   240

aagaacagct aactaacaaa attgggtcat gagtctcgag aaaagccaca tgacatcaag   300

tgggtgattc cgccagaaga agagtatgcc accagccgca tgcaacgttt ttagctacac   360

aaccttcgat ggtaacttca gaagggatgt tacggtctat cacgtcccca aggccaagct   420

gtccatactt gttccatccc cagcagaaga cttttccatt atctgctatt agagcagtgt   480

gacgagcccc acaagatatc ctctttaca                                     509


<210>      2553
<211>      556
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220050g11a1

<400>      2553

gcgacaatgt ctggtgtcac ttgttgtttt ttccctggtc agttaaactc tgatctgcga    60

aagcttgcag tgaacctcat tcccttcccg cggctccact ttttcatggt gggatttgct   120

cctttgacat ctcgtggctc tcagcaatac agagccttga gtgttccaga gctcacccag   180

caaatgtggg attccaagaa catgatgtgt gctgctgacc ctcgacacgg ccgctacctc   240

actgcctcag ccatgtttag aggaaagatg agcaccaagg aggtcgatga caaatgatc   300

aatgtgcaga acaagaactc ctcatacttt gtggaatgga ttccccacaa tgtgaaatcc   360

acagtctgtg acattccccc aaccggcttg aagatggctt caacattcat tggcaactct   420

acctccattc aggagatgtt ccgtagagtg agtgagcaat tcactgctat gttcaggagg   480

aaggccttct tgcattggta taccggngaa ggcatggacg agatggagtt cactgaggct   540

gagagcaaca tgaacg                                                   556


<210>      2554
<211>      525
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050g11d1

<400>      2554
```

948

cacatgtgaa gttggattca tctatattgc atcatccctc aaaaatagta ctagtaaaac   60

tggcaatgaa gttgttcatg aacagtataa aaatcgtcaa agaaaaatta cagggtcgtc   120

atatatctac acaacgcagg agggttgata gacttgctgc agcataaagt aggagatgat   180

atttgtgcaa gtgaacagaa attaatagac ttcgacattc cattgctctg ctatcttcaa   240

ttgcctcttg tactcagtcc aatcaatgcc atctttggca gccaatgaca ccataatgtc   300

atcaattccc ttttccattc cttttagtcc acacatgtac acaaaagtgt tatccttctt   360

cagtaattcc caaagctgtt atgcgtattg agccattcgg gtttggatgt acatcttctc   420

cccttTctcg tatgtttgct ctcgactcac agcgaattca agcctgaagt tttcaggact   480

tttctcttgc atcttctcaa acttctcctt gaaaacaatg agctg   525

<210>   2555
<211>   75
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g12a1

<400>   2555

ccctatccca taaaaggggg aaaaagaagc attacaagca gaaaatatgg cttttactct   60

gctgtgactc atcta   75

<210>   2556
<211>   453
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g12d1

<400>   2556

gataaaagct gttacgtaat atttgaataa ttattagtat gtcagcataa aagcaatgat   60

tagggaggaa agatttttaa agccatgcat tctatatagt caatgaatct atgcaaagat   120

caatttaaga tgatcaaatg gattatgatg tcaagttatc ttggacatgg ttctcatgct   180

tatcttagtt cccttatcgg caaggcacgt ccaaagagct tttctacttc accggcttcc   240

attttgagcc catcaagaat ctccattcct tcttttgata accctcttaa gaaattctcc   300

tcatcttctt ggaatacttc gaacccttct gccaatttct gaaacaaggt ggcctccgtt   360

949

ttccccacct tctacacctc ttcttctaac tgttcaactt cccttacaat ggtctattct   420

acttcctcta cctttctgtt cagcctttcc acc   453

<210>   2557
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h01a1

<400>   2557

agaggtcttt caagtatgcc tgggtgcttg ataagcttaa ggctgagcgt gaaagaggaa   60

tcacaattga tattgccttg tggaagtttg aaaccaccaa gtactattgc acagtcattg   120

atgcccctgg acacagggat ttcatcaaga acatgatcac tgggacatcc caagctgact   180

gtgctgttct tatcattgat tccactactg gtggttttga agctggaatt tcaaaggatg   240

gacagactcg tgaacatgct ctgctttcat tcacccttgg tgtgaaacag atgatttgtt   300

gctgtaacaa gatggatgct actacaccaa gtactccaa ggccaagtat gatgaaattg   360

tgaaggaagt ttcttcctat ttgaagaaag taggatacaa ccctgacaag attccttttg   420

ttcctatatc tggttttgag ggagacaaca tgattgagag gtccacaaac cttgactggt   480

acaagggtcc tactctgcta gatgcacttg accagatctc tgagcccaag   530

<210>   2558
<211>   540
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h01d1

<400>   2558

acaaccacaa gaataccaca tatatctttt cttttttcatt tttttttgca ttgtaagaag   60

tattaacagc caacacaaaa ttatatttga aaattcagag agagagagag agagagagag   120

aatgagagag cttgatcagc tcagtcctaa cacaaatgta cactacagca cgtacgtaac   180

agaacagaac agaacagggt tctatgttct acgttttatc cttaattagt cagagcactc   240

cattctatgc actcggtccc tcagaatccc gttatacaaa gccattctgt ttgctggcaa   300

tggcattcca ccactttgtc ttctgcagtt gcttctttgc tcattccttt ctcttgcatc   360

cttcacacta tctgcaaatt tcactttctt cttgttcttc ttctgtgtct gccttttctt   420

ttcctctgaa tacaagcaag agcgcaaggt gggtttgtta gagtggtgaa tttgaaatga   480

aggcctggag aaagcaacat atagcacggt ggtggagaga cgcatggcag tggtgagaag   540

<210>   2559
<211>   629
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220050h02a1

<400>   2559

caccgccgct gcacccaaat gcgccttcgt caatagcctt taccgctcca gcttcagttt   60

gttgattgaa gacaacaact tccagcgaag cagcgtaagt gttagtaaaa gattttattt   120

ttctctctct ctcttccttc taaacgccgc ttccgcatct ctcttccttt tctaactata   180

gattttattt ttccctctga ttcttccttt ttattttatg tttttttctc cgatgtgact   240

ggcgtttgtt ttgtgtgttt ttcgtgtgcg ccaaagcctt tgcgttcgtt aattttgttt   300

tgtgtattcg gatcgagttg tttcacgttc ggttacgggg atcttcggtt taggtttgtt   360

tagggatttt ttgtttcttt gtttatgttg tggatgagtt tttcgttgga tttgttgtgt   420

tctgtgagat tgatggattt tttctaattt atattccttc aatgtttttt cttttttggc   480

aaaatgaata ttttatttat ggacagaata gatttgcgat tnttggctct taaattcatg   540

tttgaacggt ggtgtgactt tcctatttgg ttctattttt atgaagcctg ttgactgcaa   600

tttgttcttg aaaaatataa gggaatgtg   629

<210>   2560
<211>   484
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050h02d1

<400>   2560

aaggttaaat ttgtcacatt tattcattat catatatgca tcacctagta tcagctggat   60

tattcttaat taagagaaaa ctaagatcca atatcttaca tgctatgttt gatgttcttg   120

aattagaata atttcacctt gataactttc aaaatccttt aatgcaaatt accgaaataa   180

951

aactctagtt ctagtacaaa caacacctag ctataataat taggggttga taccatagag   240

ctttcgaatc ccgtctatat catcttgcgc tagattcacc ttactagttc gaggtggtat   300

agaaggatac atgatggctc ttaggtccga cgagtggcct aatccgagca agtgcccgat   360

ctcgtgcact gtcacagatt caaggtcaaa cgcacttgtc accggtgatt tggtgacatc   420

gtcagacgcc acccaatatt cgtcggctgg aaagtggcac cttccatcag tgggagcgaa   480

tgca   484

<210>   2561
<211>   496
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050h03a1

<400>   2561

gagatggatt gtttggtgat gccagtttca ttgatccgtc gtcgttccac gggttcacgg   60

atgggttaca tggcacttcc taaggaggag cccgtaaagg tggtggtggg aaaagagaag   120

agggtgtttc tggtggagcc tttcatattg caagagaacc cgtttcagat tttgatggat   180

atctctatga agaaggaccc agccgggcac ttcacgtcga atcatagtca gagtgagagg   240

agagtgatct ttgtggatgt ggatgacatt ttgttcgaac acatgctgtg gctcatgcac   300

aacgatgctt cttctttgtt ccagctcaat ttgaaggaga ttattgactt ctacactcac   360

gatatctaaa tgtaatcaca ggtactctgg tttataaatt tcagatacgg aaagaacact   420

tactaatata tatatatata tatatatata tatatgtata tatatactat tattatacgc   480

acaccatggt tgattt   496

<210>   2562
<211>   595
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050h04a1

<400>   2562

ttcttatatt caggaaagta agatcatctg catcgccgac gcttccaaca ataacaatgg   60

ccgataatgc aacaacgcaa ggaagcaaca ccctattttc tccttacaag atggccaaat   120

```
tcaacctctc tcatagggtg gtgttggctc ctatgacaag atgcagagcg ttgaactgga   180

ttccacaggc agcgcttgct gaatactacg ctcaaagatc aacaccaggt ggatttctca   240

tcagcgaagg caccttgatc tcccccactg ctcctgggtt tccccatgtt cccgggatat   300

attcagatga acaagtggag gcgtggcgaa acatagtgga tgccgtgcat gccaaaggca   360

gcattatctt ctgtcaactt tggcatgttg gccgtgcctc tcatccagtg tatcaacctg   420

gtggagctcc accaatttcg tccaccagca agcccatatc ggcgaagtgg aagattctgc   480

ttcccgatgg gtcctatggt gtgtacccag agcctcgtgc acttagcact tctgagatac   540

ctgaaatagt gcagcattat cggcaagcaa caattaatgc atttcgagca gtttt         595


<210>       2563
<211>       306
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050h04d1

<400>       2563

ggggaaaaaa accggctccc ttaatcgaaa aaaagaggc cagggccaac aggctaaaac     60

ccccgggggc ccaaaaaccg gggaaaatgc ccccccccgg acaaaaaaaa ctttgccctt    120

tttgaaaggg gggaaaaaag aaaaacccga aaaccggggg ccccccaaag gagcccacgc    180

cccaaactat acggggggggc agagctgcca caaaggggggc ccccttttaaa aaaaaacctc   240

ccccccctgac aggttacgcc cagggcccca aagcccccgg cacaaaggcc gcccccatag   300

ggggcc                                                               306


<210>       2564
<211>       539
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050h05a1

<400>       2564

ggaaaaagct aacaaattcg ttaatttcta gaaacctctc atcaaaagtg tctttgatcc    60

gtgagaactt aaactcagac tcctaaaata gtttgatcac tttcgcattg acctgtaacc   120

ttttctctcc ggttaccaaa accgtaagtt gctgaacatg gacccgcaat cgccggttcg   180
```

953

```
ggcggaactg gagcctccgg ttccgacgtt ctccccacgg ttcgcgctca catccagttc   240

gcagcggaaa atcgcgatcg cggtcgatct gagcgacgag agtgcctacg cggtacgctg   300

ggcggtgcag aactacctgc gaccgggcga cgccgtgatc ctcctgcacg tgcgtcccac   360

gagcgtcctc tacggcgcgg actggggctc cgtggatctg agcgcggcgg aggacggcgg   420

cgacgaggag tcgcggcgga agctggagga cgacttcgac aacttcacgg cgacgaatgc   480

gagcgacctg cgcagccgc tggtggaggc gcagataccc gtcaagatct acattgtga    539
```

<210>   2565
<211>   526
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h05d1

<400>   2565

```
ctaatcttcg agatgatgca tttttccact caacaccatg accatggcca aacccagcga    60

ctcctcgtct attcatctca cctcaacctg catccctctc accccgatct tcacttcttc   120

cgccagattt aagcggagaa gtcagaaacg tgagcgccaa tgatcttctt catttcctcc   180

tcaatctcct ttgtcaagac accgccagtg agcttttcga ggaaggccga atgggtagat   240

ttcaattgct cggtgaatga cctttcccaa gcgccaatct tgtcaacagg acattgtcg   300

agcataccgt taacaccagc gtaaatcaaa ggggccataa cctcggtagg cataaggttg   360

tactggggct gcttgagcaa ctcggtcaac ctagaacctt ggttcaagag gtatcgagtc   420

gaagcgttca agtcggaacc gaattgagcg aaagcagcta cttctcggta ctgagccaag   480

tagagcttga gcgaaccagc gacggatttc atgagtttgg tttggg              526
```

<210>   2566
<211>   521
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050h06a1

<400>   2566

```
gttttgggca gatgcaagat caaggacttc ttacagtcat tttggtgatg cagttactct    60
```

954

```
ggacacaaca tacagaataa atcaatatgg agtgccattt gctccattca ctggggtaaa    120

ccatcatggt cagatgattt tgtttggctg tgcacttctt ttggatgatt ctgaagcttc    180

ttttgtgtgg cttttttaaga catttctgac agcgatgaat gaccgatacc ctgtctctat    240

cactactgat caagacagag ccatacagac agccgtttca caagtttttc ctcaaacacg    300

ccactgtata agcaaatggc atgtcttgcg agaaggccat gaaaagttgg cccatgtatg    360

caacatgcat ccaaattttc agattgaact ttataattgt attaatctga cggaaacaat    420

tgaggagttt gattcatctt ggaattttat catcaataaa tatgaactca canaaaatga    480

ttggcttcag tccttgtaca gtgctcgtgc tcaatgggtt c                        521
```

```
<210>      2567
<211>      452
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050h06d1

<400>      2567

cattcgaatt cattttatTT atatattaat attatattca aatgaaataa aaagatatta     60

aaagatacta attataagaa tttgaaagtg aaattataaa gttattaaat gattaatcaa    120

tttttttcta cctgttcctg tagtaaaaag agttccatct gttcttgaat agcttccttc    180

aaaaggactt ctgcttcccc agtgaatgtc ttggtagaag atatgatttc tttgaattga    240

ggtttattcg tgtttaagta agcacgtaac tcaacaagaa atttccttac ctgtccaatt    300

tctaatgaat caagataacc attcgttcca gtataaatag ttattatctg ttcttccacg    360

gtaagaggag ctgattggga ttgtttaagc aactcgcgca atcgttgacc tcttgctaat    420

tgattttgag tagctttatc gagatcagaa gc                                  452
```

```
<210>      2568
<211>      419
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050h07a1

<400>      2568

caacatcgct atcgagggaa ttaactatga agcctaccct actataatcc ctttcgttgc     60
```

tgcctgtata tgcttacctg gctctgtcag aagacgctga tccaagatgag gacattggtg 120

accaccccat tctgccagaa gggacatatt acattatgcc atcaacttgg ggcgctgccg 180

gtgatggatt gaaactaggc ctgacgggaa actcactctg cccagatact gttttgggag 240

attactcaaa agtcctccgt ggcacaccag ttaaattcat catacctggg ataagcactg 300

gaatcatctt tacaggaact ccacttgaaa tcgagttcgc actgaaacct aattgtgctg 360

catcctacac atggatggcg tttgtggaca atgagatcca aaaggcatgt gtgggtatt 419

<210>   2569
<211>   329
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h07d1

<400>   2569

aacccccttgt atgaatttgt atgggggcaa aatagacgtg gcaaattata ttaagtttaa   60

taatgagaaa gttaaaagga tgatgagctg gcagtcccat agtacatatg tacacttgga 120

cctgttttta tgaagcaaga tacaacctaa gaatacacat acacaggtgc attcattcct 180

ggcatatgaa atgtatatac atgcagtata ggatggatgg atggataatg aattgcatat 240

catcatgatt catcaggctt tggctccaga atgacgggta tcttctcctt gggggcacct 300

tttaacacct acacaatcac cttatcacc   329

<210>   2570
<211>   480
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h08a1

<400>   2570

tccatagttg cttcctcctc ctcattctcc tctattctca ccactcaatt tctcactccc   60

tcttcatttt cttctctctt tctcaaaacc ctcactttaa ggtcctccac gccgtttcag 120

cgtctttctt ttgcgtcaca accactgcgc aggctcatgg ctcgcgccac cctcggcctc 180

actctcccag ccaacaccga atcccttaag gtttctttcg cggcaaagga gcttgacgtg 240

gcggaatgga aaggggacct tctcgccgct ggcgtaacgg agaaggacgt cgcgagaaac 300

956

gtggaatcga gattcgagaa cgcgattctg agcgcgttgg actccaagct gggcgggttg   360

ttgggccagg tctcgttcga agaggacttc agcggcaaac ttgggcagtc cacggttcta   420

agaatcgctt ccggactcgg attcaagcgc gttgccttgc ttggcctcgg cgcctccgcg   480

<210>   2571
<211>   467
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h08d1

<400>   2571

ggccaaagtg aatctaatta ttcaaatatt tccgtttagg cacactacaa atggtaagaa   60

gctgttgctg ttgatatatc tatcttctat acaaaacata acaaactgga aaataacact   120

aaaaccctaa gaaacaagaa atgtattgca aaacgaaaag gcgacaacta tgctattatc   180

attattataa gcctaagcac gttctccacg gatgcggcgt gcgagttgaa tgtccttggg   240

catgatggtc actctcttgg cgtggatcgc acaaaggttg gtgtcttcaa acaaacccac   300

caagtaagcc tccgcagctt cctgaagcgc aagaaccgcg tgactctgga acctcaaatc   360

agtcttgaag tcttgcgcga tttcacgaac aagacgctga aggggagct tgcggatcag   420

aagctctgtg ctcttttggg tatttcggat ctcacgaaga gcaacag   467

<210>   2572
<211>   524
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h09a1

<400>   2572

ttgttattgg agatttcaat tctttgtctt tcaaactcct caagttgggt ttatgtgatg   60

atggctctca acatctcttc tccagctgaa gtcaagtcca tttttttcgc tgattccttc   120

aagtctaact gcctcacagc aaaattctca ggtgggtttg cttttaagag aaaagagcgt   180

agagcagcat ctggaggacg ggtttattgc tcagtgcagg caacaccacc accaccagcc   240

tggccgggac gagcggttcc ggaacaaggt cgcaagactt gggatggacc aaaacccatt   300

tcaattgtgg ggagtactgg ttcaattgga actcagacac tagatattgt ggcagagaat   360

ccagataagt ttaaagttgt ggcacttgca gctggttcaa atgttactct tcttgcagac   420

caggtaaaaa gatttaagcc tcaacttggt gctgttagaa atgagtccct aattgctgaa   480

cttgaagagg ccttgcatga tgttgaagaa aaacctgaga tcat   524

<210>   2573
<211>   510
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050h09d1

<400>   2573

atacaagtgt acgaaaatgt aaatcttatt taactcaaat aataatggta tacaagttat   60

gatatccaat gtagtattaa ttgtaatttg catatttagt caacctgctc aaagacaagg   120

agagagctag aagagtaaag tgacggttag agtagaaata ggaattataa tcacacagta   180

tatctgtaaa gcctgtgtca ttgtcaaata tttatactct tctgtaacta gcagcacctt   240

tgaaaaatat tgcaaattta gctttggacg ggttctgcat cagctgttga ttgcttgtta   300

aattcacttt ctgtactacg agtatcatgc acggcaacca cattaaggca atccttactt   360

ccttctgata taggttttac ctcacctttc agctgttcat ttgatctaca cagaactcca   420

gaacttgaat ggcttataac atcattgctg acagaatcgt ctttagtagc tgaattatct   480

ttntggtgtt ggtgctcact taattaaatt   510

<210>   2574
<211>   464
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h10a1

<400>   2574

cgaaaagtac acaaagatcc catcttttca cgatttggag cagaacaaca attctgggta   60

tcttcatatc tgtgccaatg agaccatcca tggggtggag ttcaaggact accctgttcc   120

caagagtggt gttttggttg ctgatatgtt ctcaaatttc tgctccaagc ctgtggatgt   180

gtcaaggttt ggggttatct atgctggggc ccagaagaat gtggggccct ctggtgtcac   240

cattgtgatc atcagaaagg acctcattgg gaatgcacag ggtgtcacac ctgtgatgtt   300

958

```
tgattacaag atccatgatg agaacgattc actctacaac acccctcctt gctatgggat    360

ttacatgtgt gggttggtgt ttgaggactt gttggagcaa ggtgggttgg gggaaggtga    420

gaggaggaac aagatgaaag ctgagattct ttacatgcat tgat                     464
```

<210>   2575
<211>   388
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h10d1

<400>   2575

```
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt     60

tttttttttt tttttggggg ggccttaacc aaaaggggcc ttaatttttt aaaaaaattt    120

tcaagccccа aaattttttt ttcggggccc cccaaaaaat tttgaccaaa aaaaaggggg    180

tttaccccccc gaatttttac ccccctttta accaaaaagg caattttccc cccccatttc    240

cggggttccc ttggacccttt ggaccttaaa aaaaaaaaaa ggttcccccc cttttttccga   300

attctccccc ggttcccctt tttgggcccc taaaaacttt gggtttttacc ccggggcccct   360

taacctgggg cccccaaatt tcccttct                                        388
```

<210>   2576
<211>   581
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050h11a1

<400>   2576

```
aaagcagcca tgggttttttt cttgaaatgg gtcaacttgt ttgtcttttt tcatttcctt     60

gctgcaacac ccatcttctc agattcctcc tccagctcaa atgcaatcgc caccaccaag    120

ttccttgatt tagccaagga tcctcgggtt tttgattgga tggttggtat caggaggaag    180

attcatgaga atccagaact gggttatgag gaatttgaga ccagtaagct gattagagct    240

gaattggata aactgggcat ctcatataaa cacccagttg cagtcacggg tgttgttggc    300

ttcataggga ctggacnttc tccttttgat gcattaagag ctgacatgga tgctcttcct    360
```

atgcaggaaa tggtggagtg ggagcacacg agtaaagtac cctgaaagat gcatgcatgc   420

ggtcatgatg ctcatgttgc catgcttctt ggtgctgcaa agatcctcaa agagcatgaa   480

attgagatac gaggaactgt tgttcttgtt ttcaaccagc agatgatgag gtggtagggc   540

taagataatt ttagatgctg aagtcttgaa aacatttttg c   581

<210>   2577
<211>   214
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h11d1

<400>   2577

aatacactaa tggcccatat gtcacctctt aatttacata taaaaaatga cacttttttaa   60

cccactattt caaaagggca ctaataaccc caaaatttga aactttagg tttttgaaga   120

aggaacgcat gctttgggta ttggggggcaa aaacttccaa cttcaatatt accggcaaaa   180

ggacaacccт gtcaagcaac tggaattggg gcaa   214

<210>   2578
<211>   552
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050h12a1

<400>   2578

cttgatgtat gaaatgcctc tatcagcttc tgaaaaagct gagggctcaa aagggaaaac   60

aaagtcaata cgtcaatgtg gaaagtatga gagagaaatt gtgaagagtg gagcaaaaaa   120

tgcagaagca cctcttccta tgtctatttt ccttgttgct agtgtattga aagataaaag   180

tgcaaaacta ctccaagaag cacggggctt ggatgatgtt gtcaagattt tgaatgacac   240

aactggtaat atagatgcaa aaaagcttgc agtggggcta tgaaacttca caagaaatat   300

ttgaaaaagg ccaagaaacc ctagcaccaa atacatcgaa atacccaatg attcttttgt   360

aatgtgttgt atggtagatg tgttgctccc tgggagacaa taatggagaa cataggactt   420

taaagaattg aaaaaaggaa ttcaaatatc caaccatcaa aatccctgag caattgttgt   480

atgtgaaatc atntttttcc cctttтgtat ccataaaaga agtaagattg tatattatga   540

aatatgaaaa ta 552

<210> 2579
<211> 479
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050h12d1

<400> 2579

aagaaaaaag aaagttctaa ttattaataa attatatcta tatatatata tatacagata   60

gatattctat atcttttatc ttaattaata tttgacccct ccttataatg tgttatagat   120

ttctttattt ttaggaactt atccattcct tttttaatgg gcccgacaat ccgaaagaat   180

tctgggggag gggtcatttc gcttttgatc taaaataaat agagcttcaa gaaatgagag   240

aattaagaat acccacgaga aacactaatc caatccataa tgatgtaccg gaaaatacaa   300

catttttgtt attcgaccaa cctttaggag aagcaaatac aacaggtaca ctaatcaata   360

aaataaatga aatagcaatt aatgcaaaaa cagctaattg gaaagcaata gtcatgtttc   420

taatcctcca atttaccaac aaaagaactt taccatttga tcccccaacc ccttgatcc   479

<210> 2580
<211> 462
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051a01a1

<400> 2580

agttgatata agcgaagaaa catcaagctt ggttattgct tcaaattctg cggcttttgg   60

tggcagcccg cttgttagta ttaatttttt tttccctttt gaatttccaa ttttgtctgt   120

attctttcct tggatattgc ttaagaaaaa tccttattag ttattaccca tcttttattt   180

ttctacacat ggggagggac accgtctatt gatatgagaa tcaatctagt gactatttgt   240

tctggttggc cttgcataca tatgttcgcg tgtcttagga taataatcat taatgataaa   300

tggtagttgt cacgtgaaaa aaaaaaaata taataaaaaa acaaaaataa aaataaataa   360

aaatttataa aaaattaaaa aaatatagat aactcatcta tttaataata tctactacca   420

tttaatatat ttctaactca aaataaaaag ggggcccccc cc   462

961

<210>   2581
<211>   343
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a01d1

<400>   2581

aaaaaaaaaa ccaaaaattg gggccaaaaa aatcttccgg aaaaattttc ccaaagggcc   60

ccgggaaaac cccattggcc agttcccccc cgaaaaaaac ccccccttct tttccctggg   120

gggggcaacc ccgccctgaa aagggggggt tttccaaaac aatggggccc cttaacccccc   180

ctaaaacctt aagcccaaaa gggcccccccc ccctggaaaa gggaaatgcc tcttcaaaaa   240

aagaatttttc ccaggggggg ggcaaaattt tttggcccaa ccttaaaggg aaaaacccct   300

tttcccaaac ccaaggggggc ccccattggt tttccaaagg ggg   343

<210>   2582
<211>   585
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a02a1

<400>   2582

tgctgttgtt ctctaggaga aaggtgccag atagagcctt taacataatg gggatccttg   60

tgttttgggt ttggttccct ctgttgatct cttcactacc aaaattgggga gaaagggtca   120

tgtttgtgtt ggccagtttt gctgtttgtt caatccagca ccttcaattt tgtttgaacc   180

atctcttagc agatgtgtat gagggcccac caaatggcaa tgactggttt gagaagcaaa   240

ctggtggcac attggacatt tcttgctcct catggatgga ttggttcttt ggtggcttgc   300

aattccagct tgagcaccat ttgttcccaa ggcttccaag ggcacaattg aggaaaatct   360

cacctttggt gattgatctt tgcaagaagc acaatttgcc ttacaggagt ttgacatttg   420

ttgaggccaa tctttggact cttaagaccc tcaggactgc tgctcttcat gccaggaatc   480

tcagtaaccc ttcttcccag aatttgttgt gggaagcttt taacacttat tgattgattt   540

tgtgaaaaga tcgatgatca tcaatctagt ttctctctct ttttt   585

<210>   2583
<211>   576
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220051a02d1

<400>   2583

atatggaaat taaactcttt aagatttttt cctttgaaaa ctaaattaca tgatggaaca   60

tcttgggagg ccaaatttaa gcaaaagaaa atcacgggta ggtaaacaaa aagcaaaatt   120

gatttgtgcc taggcacaaa tccgtgctat ctacttcata tctcgattct tcgacaaagc   180

caaaagagat catttgcaag cggattttta ttacaacaaa ttagctgaag tggtagcata   240

tagtagtcgt tatctgcatc atcatcatca tcatgtaatg tagtagtttt aaagtaactg   300

ttagcacatg gatttgaggt ggtctctgaa aaccttcaac attccttgga aagtaacaat   360

ccccgtcaag gttccatcct cttccacaac ccacacgtaa ctcacacgat gtgccaatgc   420

ttgaatcatc acagcaacta aagagctcca acggtagcaa acaatggctt cagaccttct   480

cccaacccTt gcagagtacc ctccaagctt ncaattcttc ccagagcaaa actcttcatc   540

agaagaacaa ctangagaaa aagaagacca tgaagt   576

<210>   2584
<211>   598
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a04a1

<400>   2584

tttcggctcg aggttgatgt atactttcct cctcggaaga gatcgcgtgt caatgctcca   60

ttcgtttttg atggagaatg gttcgagcaa aagcagaaaa cctctattga agccttgcca   120

gatgagtgtc tctttgagat ctttagaagg ttgcctgctg gcgaagacag gagtgcatgt   180

gcctgtgttt ccaagcgctg gcttatgctt ctaagcagta tttgcaaaag tgaaatctct   240

gttaacaaaa ataccacagt agagaaccct gaaaaggagg gtgatgatgt agaatttgga   300

ggtaagggat acctctctcg aagcttggaa ggaaagaagg caacagatgt tagactggct   360

gccatagctg ttgggacttc atctcgagga ggattgggga agctctcaat ccgtggaagc   420

963

aacattgttt gtggggtgac tagtcatggt ctcaaggctg ttgctcgtgg atgcccttct 480

ttgaaggctc tttctctatg gaacgttgct accgttggtg atgaaggcct tattgagatg 540

gcaaatggat gtcaccaact agagatactt gatctttgca gtgccccgca ttactgat 598

<210>   2585
<211>   478
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a05a1

<400>   2585

tggtcgattg atcaaagtaa gagatggtgg aactgattgg ggctggggtg ttgctgtcaa   60

tgttgttaag aaaccttctg gaggcggtta tatagttgat actttacttc attgctcacc   120

tgtttcaaat gagaacagtt ttcggtctaa accatgcccg ccttgacctg tagagaaagg   180

tgaaatgcat gtggcttctg ttcaattacc attgatctct gccctcggtc aactgagggt   240

atccatacct tccgatcttc gacccttgga agcaaggcaa agtatattgc ttgctgacag   300

gagctgggca accgtttttc ccagggtctt ccaaagctta accctgtaaa ggacatggac   360

gtacgggact cagaaatagc tgaactagtg aatcaagttg atgaacttga gataaaattg   420

accactcgtc ctatgcataa gcatcaagat atggatcaaa ttagatgctt tgagagga   478

<210>   2586
<211>   218
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a05d1

<400>   2586

atcatctatt ttgtatacca acattgctac cggaaaaaag gccaaccaag gctgcaaggc   60

ccttaaaaag gccctcaaca aagaaaacca catacacaac caaccctaaa cagaaccgag   120

gcaagacaaa ctccaagaat aaaagataca aagaagaaa aaaaaagcaa taaaaccctc   180

cattcaaacc cgattaaata tgagaaacgc caaagggg   218

<210>   2587
<211>   560
<212>   DNA

<223>   Clone ID: jC-gmfl02220051a06a1

<400>   2587

ccaagttcca agatgaagat gattcacttt cttttcctct ttgctcttgt ctcgttcact   60

tcccatgctt ctgtcaatga tttctgtgta gcagacctaa aaggtccaga tagcccttca   120

ggctatcagt gcaagccacc taacacagtc acagtggatg actttgtgtt ctctggcttt   180

gtagctggaa acaccacaaa cactttcaat gctgcattaa cctccgcatt tgttactgat   240

tttccaggtg tgaatggtct tggtgtatct gcggcacggt tagacatagc caaaggtgga   300

tcaatcccaa tgcacacaca ccctgctgcc actgaacttc taataatggt ggaaggtcaa   360

atcactgctg gttttatgac cccaactgca ctttatacca agacactgaa acctggagat   420

attatggttt ttccacaagg acagttgcat tttcaggtta attctggaaa cggaaaaacc   480

actgctttttc tgcattcagt agtgcatacc ctggagcaca actacttgac cttctgttat   540

ttggcaacac cttgccttct   560

<210>   2588
<211>   295
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a06d1

<400>   2588

gccagttaaa ttttgaccat tacttgggca cagaggcatt caaaccacct atttttcaag   60

ttgaccaatt cgtgtccatt actacgctta ttactggact gcctgcgtgg gaactcgaga   120

actttttttg gtcaagccct tagcttagcc ttggggatct gatcgagctt gacgaatgag   180

gctcttaagc cagcgtttcc cttaccgagc tttttggggg ccatggggtt ctgattcagg   240

cttaaacggg aacccttttc attgtacgac agcttctttc ctggggtcgc cttgg   295

<210>   2589
<211>   559
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a07a1

<400>   2589

cttcaagatt caggtactgc gtttcggaag cagacacaga tggctcgtac gaagcaaacc   60

gctcgtaagt ccacaggagg aaaggctcct aggaagcagc ttgcaaccaa ggctgcacgt   120

aagtctgcac caactactgg tggtgtgaag aagcctcacc gttatcgtcc tggtaccgtt   180

gctcttcgtg agattaggaa ataccagaag agtaccgagc ttttgatccg gaagctcccc   240

ttccagaggc tggttcgtga aattgctcag gacttcaaga ctgatctgcg tttccagagc   300

cacgccgtgc ttgcattgca agaagctgct gaggcatacc ttgttgggct ctttgaggac   360

actaacctgt gtgccattca cgccaagcgt gtaaccatta tgcccaagga tattcagctg   420

gcaagaagga ttcgtggtga ccgtgcttg aattggtggt ttggaagatg atgatgattg   480

gtggcttgct gtggtgtttt gttattagat cctttttata tctaaagatg gtgttgtagg   540

gatggaggtt tctgctggt   559

<210>   2590
<211>   501
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a07d1

<400>   2590

cattcgaatt cattttattt atatattaat attatattca aatgaaataa aaagatatta   60

aaagatacta attataagaa tttgaaagtg aaattataaa gttattaaat gattaatcaa   120

ttttttttcta cctgttcctg tagtaaaaag agttccatct gttcttgaat agcttccttc   180

aaaaggactt ctgcttcccc agtgaatgtc ttggtagaag atatgatttc tttgaattga   240

ggtttattcg tgtttaagta agcacgtaac tcaacaagaa atttccttac ctgtccaatt   300

tctaatgaat caagataacc attcgttcca gtataaatag ttattatctg ttcttccacg   360

gtaagaggag ctgattggga ttgtttaagc aactcgcgca atcgttgacc tcttgctaat   420

tgattttgag tagctttatc gagatcagaa gcgaattggg caaaagcttc taattctgcg   480

aattgtgcta attccaattt a   501

<210>   2591
<211>   465
<212>   DNA

<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a08a1

<400>   2591

tctttctgca ctcttgagtc cttcccaagc tcgtttcgtt ggaaattgga attcattctc   60

tccccgagtc agagtcatgt atggcggtga cgaagtatca gcaatagtga tagacctggg   120

ttcccacact tgcaaagccg ggtacgcctg gcgaagatgc tcccaaggcc gtctttccct   180

ctgttgttgg tgcaattgat caaatggaca ttgatggaac tgctgatatt aatgatgaga   240

actctgacaa aaccaaggga aaatgcaaac tttatgtagg atctcagtca ctaggatacc   300

gcagagacca tatggaggtg ctgtcaccct tgaagaatgg agttgttgtt gactggaata   360

ttgcagatta catatgggat catgctatga gggaatgcct cctagtcgac cctaaagaac   420

gttcaatgct acttgccgaa ccatgcttca cactcaagaa acaga   465

<210>   2592
<211>   439
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a08d1

<400>   2592

attgtctgac tttttgctca gaaattggaa cttcgattat aagaaacacc aaatacaaag   60

tcaccgaaaa taaatattat tccacacgat acaatttcca taatcccaaa aaataaaatg   120

ccagattctg atatctaatt tgatgcaaag tgccttaatc ttccctcagc aatttgccta   180

gttgttaatt gagaaacaag cacattttct acttttactc gccactctgc aaaatttagt   240

gaagacaaat gggattcttt agtaaccaca agcatggaat tccatgacct ctagattgat   300

gaaaattaat ttcaaaacct catttgtgaa ctaagaagtg acactatctt cggtctttgg   360

cttcttactt ttaggttctt catcgtcttc ctgattgaga gctccattaa ttgcttcatg   420

acccaaaaga gagacatgc   439

<210>   2593
<211>   551
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a09a1

<400>   2593

gggaagctct gcaagtccac gggcatgtag tgaaattagg gatggggcac aaggatgcgt   60

cgcgtaagtt gtctaaggtc ttcaccttcg ccgctctctc cccctttggc gacctcaact   120

acgctcgtct tcttctctcc accaatccca ctctcaactc ttactactac aacaccctcc   180

ttcgcgcctt ctcccaaacc cccctcccca cccctccctt ccacgccctc tcccttttcc   240

tctccatgcc ctccccaccc gataacttca ctttcccttt cctcctcaaa tgctgctctc   300

gttccaaact ccctcctctt ggtaaacagc tccacgctct cctcaccaaa ctcggcttcg   360

ccccggatct ttatatccag aacgtcctcc ttcatatgta ctccgagttc ggcgacttgc   420

tcctggctcg ctccctgttt gatagaatgc cttacagaga cgttgtttcc tggacctcca   480

tgattggcgg cctttgtaat catgacttac ccgttgaggc catcaatttg tttgagagaa   540

tgcttgcatg t   551

<210>   2594
<211>   451
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a09d1

<400>   2594

aaatgaaagt gtaaaattaa tatttgaacc atcatattag cgacagttta tatgtcaaag   60

taaatgcaaa gcatagatca tctcctgtac ttttctgaga aactaaaagt gatttgaaag   120

taaaggtaat tagcatgtat ctctgcttag gtgtgctata tacagaagta atggatcaga   180

catcagagaa aaccactagt cacttggaat acgatatttg aaagagactt gcatgctcca   240

gcttcaccag tgcttcagtt caaaagccta catttgtaca tgctatatac atttcttgtt   300

cagctttctt tggttcacat tttaagaaaa ccagcacctg aaagtattac ctaagcatgg   360

aaaataggag acattgatgc ttgccacaga agaaatgtca aatggtgaac ccatttaagc   420

tttatacccc attaatcatt gaagcctgaa t   451

<210>   2595
<211>   569
<212>   DNA

<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a10a1

<400>   2595

gcgctgaaca agacaagaaa actacaaagc tatgggcacc atcatcgact cccatttctt   60

ggccttcact gcccttgtca ctattgccta tcagtttttg ttttcgtcg tcactgcgct   120

cctcaaattc gacaaagtca ctgattttgc tggaagtacg aatttcatta taattgctgc   180

attgaccctg gtcatcaaag ctcctggta ttttcgacag ataatcttca ctttgtttgt   240

tgggatatgg ggaattcgcc tcggcctttt cctcctattc agaattttgc agtggggaga   300

ggaccgacgc tttgatgaaa tgcgcagtaa tttgggtaga ctggccatat tttggatatt   360

tcaggctgtc tgggtgtggg ctgtgagttt acctgttaca gtggttaatg caagcgacag   420

aaatcccttc ctacaggttg ttgatatagt agggtggatt ttgtgggctg tgggtttat   480

tgtggaaggt acagcagatc aacaaaagct gcatttcaaa ggaacttcag aaaattgaag   540

gaagtggtgt aatgttggac tttggaaat   569

<210>   2596
<211>   309
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a10d1

<400>   2596

cggtctaaga aaaataatat tcatcaatga ttagaacgct gtacactggg aagaagaaac   60

acatgagccc aaccatttaa aatttctttc ccctttgcaa catttctccc agggaacaaa   120

cagaccaaca ccaaccaagc ataaggcccc agctatcatc aatttccagc tggataaata   180

aataaaccca acatttttgt ttgcaacaaa agttaaattt attaatagta gtaataatag   240

taacatatta aatactataa tcactagcca atcaagacac acccctcttc gctcgagccg   300

ctcgagccg   309

<210>   2597
<211>   596
<212>   DNA
<213>   Glycine max

969

<223>   Clone ID: jC-gmf102220051a11a1

<400>   2597

tttggagaaa agtagtaatc ctatctttac cccatcaaac aattgtcttc tcaaaagaaa   60

aatccagatt ctctgcattc cacataactt gttagttcct ttgcttccaa gaccagtttc   120

ggattattgt tcactcatct cattctcttg ttaataatct ctacacatat tctctctctc   180

aagtctaaac catgcctgtt gtgacagaac acatgaaatg gagaagacca agaaaccaat   240

ttaggaaccc catttcagaa accgatgatc caatcactca aatcccttcc ataatccaat   300

cctctcacag caaatccacc atctcctctc tcttgtcttc tttctccacc tccggtgaaa   360

ccacacatgc cagagaccaa aacagaacca acaacaacaa caaaagcaac agaaaattct   420

ctgcagcaac cttcaggggc ttcggctgca ctgccggttc atcgcagaag gtgtcggtgc   480

cggcggtgat tcgctcctca gcagattgag aagggaagag gaacagaaag aagaatcaca   540

gaaggaagaa taacagtaac ggttacagtg gcaacaacac atgtgatgat gatgat   596

<210>   2598
<211>   409
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051a11d1

<400>   2598

gcaattgaag taaaaatgta atgaacatca agtcaaaata atttatacac ttgagatgga   60

acaaaatact aatagtattt tgattgaggg gaaaacaatt ccaaacaaaa ttacaagtaa   120

cttaatttaa aaacttgaac atgaatttct gaaactctta aacttcaatt aaatttcttt   180

tttggttatg tgggaaagca agtaggtgcc ctctataagc tgtgcttgtt ttttctggca   240

cttttagtca tttctttggt gatggcatga ctaagaaccc cataggggca aagaacatg   300

cacagagaaa ctgaatgccg agtctctatc tgattctcta atccatcaag aaaaacatgc   360

cttgcaagca agagatccat taccaaaagg gtgaatccaa gctgatgct   409

<210>   2599
<211>   592
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a12a1

<400>   2599

```
atgttttttt ccctcttcca ttctccaaag aattcaagat catctcaaga attcccaaac    60

caatctgcgc aaggaggatc aagaagccac agcgtgccac ctccattttc ctctatgtca   120

tttaatcccc gtgatattgc aagcatgttc atgaacatca caaccctac aaatgcacag    180

ccgcaggggt cacattctca tcaggaaagg caagaagata gcaatggtag tggaactagt   240

gagcctgaaa taagaattgg gggaaatatt agtgtaaaca tggaggatat gccagaggat   300

ataacagggg ccttacaatc aatgatggaa atgttatctg gggctgcacc ccctgggcaa   360

ccgcaagatc aaacaaatgg aagaacagca ccaaactaag ctatttcagc attctgagac   420

tgtaaagact cacaaaattg ttaaatattt tttttgcctg tttaagtttt ttgatagatt   480

acagcattaa ctaacaaaat tctctctgtt tacatcatat agagcttttg agtcactatc   540

ccttttggaa gcccattata caattgtcat tcgtgcaata tccatacttt ta            592
```

<210>   2600
<211>   458
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a12d1

<400>   2600

```
cagtgattaa atacttcaat caaaaattgg tcagggatac aataacaaaa cccaaatggg    60

ccatatagaa ataccaaggt gaacaaaatc tcatcccctg cctacaacgt cttgaaagga   120

atttagtacg tcatgggagc cttcaattta ttcttacaac aacatggtct ctggattttc   180

aatatagcct ttgaatgctt ttaaccattc ggcaccaatt gcaccatcta taacacgatg   240

atcacagctg agggtcacag acatgaagga agcaaacttg aactcttcag cacctgaacc   300

cggaacgacc ctcctctcag aagatccaac ggcaagaatg ccagcctgag gaggattgat   360

gattgcacag aattgtctga caccaaatgg ccctcccagg ttagacactg taaatgtacc   420

tccctcataa tcttggggtt tcaagctgtt ttctttgg                           458
```

<210>   2601
<211>   575
<212>   DNA

<213>   Glycine max

<223>   Clone ID: jC-gmf102220051b01a1

<400>   2601

ggctattgac cacaaggcct tacatgatac ttttactgct tttggactca ttctttcttg   60

caaaatagca actgatgctt ctggtctgtc taagggctat ggatttgcat caattggaca   120

atgaataggc tgcacagaat gctattgaca agtcaaatgg catgctgatc aatgataagc   180

aggtctatgt aggccatttc ctgcgaaagc aggatagaga gaatgctctc agcctgacaa   240

aattgaataa tgtctatgtg aaaaacttat cagagtcaac cacagatgaa gagttgatga   300

taaattttgg agaatatggt accattacta gtgctttaat aatgagagat gctgatggta   360

aatcaaggtg ttttggcttt gtcaattttg aaaacccaga cgatgctgcc aaagctgttg   420

agggacttaa tgggaagaaa tttgatgata aggaatggta tgttggaaaa gcccaaaaaa   480

aatctgaacg tgaacaagaa ctgaaaggac gatttgagca tagcataaag gaagctgctt   540

gcaaatattc aagtttgaac ttgatctcaa gaact   575

<210>   2602
<211>   415
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051b01d1

<400>   2602

gattgccgaa attcaaccat gttatattga gacaatgaat caagtacaca actcacagca   60

aaaaggttta taagctgtaa aggtccatgt aaccataaac aaaaatagtc tccaagacta   120

tagaaccatt acattttaga caaattagtc ttgttccact tgatcctacg taaacaccta   180

ctacaacggg tggggttact gctgcctaac atgtatcata ttcactacaa acattttaat   240

aggagtagcc tttgacgaac aactgcttct tggcttcctc agattcaccc ttaccggtgt   300

actttccaag ctgggcgagc gagttggact tggcacggaa aagaagtgca tcttgtgccg   360

gcttcacatt ctctgggcgg ctccccatg tcttcaaggc aatgttttgg agggc   415

<210>   2603
<211>   540
<212>   DNA

972

<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b02a1

<400>   2603

taaaaatgaa aagaagcact cactcgtgaa ccccacgcag tgttcgataa tcaaatcttc   60

tttctttttc ttccgcagtc ccaaccttca tggattctca ctcacacatc attgcttggg   120

gctctggtga agatggtcag ctaggaatcg gaagcaacga agagaaagaa tgggtctgcc   180

tcgtcaaagc cctccagccc caccgtattc gctccgtcgt cgccggcagc agaaactccc   240

tcgccatcgc tgacgacggc aaattgttca cttggggttg gaaccaaagg gccacacttg   300

ggcaccctgc tgagaccaag tctgagaaca agactgagaa cactcccagc caggtcaagg   360

ctctttccag tgttaaaatt gttcaggcgg ctattggggg gtggcactgg ttggccgttg   420

atgatcaggg cagagcttat gcttggggtg gaaatgaata cgggcagtgt ggcgaagaac   480

ccgagcgcaa ggatggcact ggtagacctt taatgagaga tatagagatc cctcagcgct   540

<210>   2604
<211>   498
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b02d1

<400>   2604

gagagaacat ttttttttgt ttcatcatat aaaatatata tgttctgaaa gaacacatac   60

aagtacacaa aaaaagggg gaaattcata aaaaaataca gaaaaaaaaa aacagaattg   120

agtaagaggg aaggaaacat agagaaaatt ttagcaatca gataataaga agccagtagt   180

agtgcaaaag tcccttgcca agagtgttgg aacccctttt agttaagcag gtaccttctc   240

ccccttgagt ggcttcacca cttcccatgt gaagtcaggg tcatctctgc caaagtgtcc   300

atatgcagca gtcttcaaga acctgccatt tccacccctc ttgagatcaa ggttgatgga   360

gatcatgcca ggcctgaagt caaaactctc cttcacaatg ctgaggattt ccttgtcagg   420

gatcttccca gtgccataag tgtcaacaaa cacagacaag ggctcaggca caccaatggc   480

atatgaaact tgcacaat   498

<210>   2605

<211>   546
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220051b03a1

<400>   2605

nnnttgagca gccatgccag caattgcgat daccggagca tctttcccca cttattcaca   60

ctattttttcc agggcccccag gagtaccaga acaaaagatg aatattggat tgcttggcaa   120

tggtgcacca tcacagtcac tgcatttaaa ctccaattgg cctgttcctg gagcagataa   180

gtacggtgtc cagccacttt ccatatggct acctggtgga aattatggca ctgtgcatca   240

tcatgaaaat tctaccaacc agaacctatc tgttccaaag ggatggcgca atggggactg   300

gatctgtaac tgtggcttcc acaattactc atcccgctct cagtgtaaaa agtgcaatgc   360

ttttcctcct gcacttggga caaagcggtt agcttcagaa gagttggttt atgattggga   420

caacaagaga ttgaatatag gaactacaaa tgatcagcat caaatatata caagtttaga   480

gcaagtggta gggacaggtg cagatccaaa acctggactc ttncnctctt attccagcat   540

gaactc   546

<210>   2606
<211>   390
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b03d1

<400>   2606

cctaacaaaa gcataaatta aactatatta caagttttat tttgcaatat tcggatgagt   60

ccgtatagga tacaaatatt cacggacatc ttaattcata aggcattaca ataattaata   120

aataccccaa agcataacaa gttaaaaaag aaaaagagca ttggaaccta tggagattgg   180

agtttcaata agaaaaacat ccgcctcctt ctggattctg aaacccaatg ttctcaacgg   240

caccaaccgt cttgaacatt ctcctcttgt gaatctcctc catcagtgat cgttgcagtt   300

gttgtctcct caggtccacg aaggaacgga tcctggttag cctgtgcatt ccatgacacc   360

tgtgagaatc cattctcatg ttgcataaac   390

974

<210>   2607
<211>   569
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b04a1

<400>   2607

taggatagtg ctttgaaaat gggaaagttt agttcaagtt acagtacttc tgattttgtt   60

cactttggag ttctacttcc ctttcttctg ttatcacagt tgttctttca acttgcatgg   120

tgtggctcca tagtaaagtt ccttcctgga ttagagggac cccttccttt tgttcttgaa   180

accgggtatg tgggagtggg tgaatcagag gatgtgcagg cattctacta cttcattgag   240

tcagagaaca atccaaagga ggatcctctc atgctttggc tcactggtgg ccctggttgc   300

tcagctttct ctggccttgt cattgaaata ggtccaattg catttaaaaa tgaggaatac   360

aatgggagcc tgcccaattt ggtcttgagg ccacactcat ggacaaaggt tagtagcatt   420

atatttgtag acttgcctgt ttccacgggc ttcacttatg ccacaacaga gtttgctact   480

caacgaagcg actggataca agttcaccaa gtccatcaat ttcttaggaa gtggttgatt   540

gaacattcaa atttttttgtc actgatgtt   569

<210>   2608
<211>   450
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b04d1

<400>   2608

gaacacgaaa cagagatcat aatcaaaata aattgcaaat taatacatag tacacttcaa   60

aatccagcat gcatttatta gtatattccc ataccctgcg gctcaaaatt taaggactta   120

caaaacatta agaaacaaga ccctttttgca attcacactg actgatacag atgcagatag   180

ccactcttaa ctatctagta tcctagctac accgctgcaa agtagtcttt gctaagttta   240

gggtctggtt tcatggactt ctccccaggc ttccacccag cagggcaaac ttcatctggg   300

ttctcctgca catactgtaa ggcctggaga gttctctttg gctcgtaaca cttttaccaa   360

ttgccaagtt gtaatggtag aatgctgaat aacccccttcc ttgtcaataa tgaacaaacc   420

tctcaatgca attccctgat caggaatgag   450

<210> 2609
<211> 519
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051b05a1

<400> 2609

```
ccaagttcca agatgaagat gattcacttt cttttcctct ttgctcttgt ctcgttcact    60

tcccatgctt ctgtcaatga tttctgtgta gcagacctaa aaggtccaga tagcccttca   120

ggctatcagt gcaagccacc taacacagtc acagtggatg actatgtgtt ctctggcttt   180

gtagctggaa acaccacaaa cactttcaat gctgcattaa cctccgcatt tgttactgat   240

tttccaggtg tgaatggtct tggtgtatct gcggcacggt tagacatagc caaaggtgga   300

tcaatcccaa tgcacacaca ccctgctgcc actgaacttc taataatggt ggaaggtcaa   360

atcactgctg gttttatgac cccaactgca ctttatacca agacactgaa acctggagat   420

attatggttt ttccacaagg acagttgcat tttcaggtta attctggaaa cggataagcc   480

actggctttc ttgcattcag tagtgcatac cctggagca                          519
```

<210> 2610
<211> 451
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051b05d1

<400> 2610

```
aagaaactcg agggatacgt tcttttagcg ttttcaaatt ttccttaact aattccccca    60

catcatatgc acaaatacat gtcaaaataa ctacctattt gaattacagg gtagatgaat   120

gcactgaagc ccctttttaag ctttggctga gatgaagcac cttaaaaaaa tcctttctat   180

tcctcgtcat catcgtcttc ttcaggtgcc tcttttagcc attgaattaa cttttgggcc   240

tgcttaacaa aaactttatc tgcctcgtca gcatctttta actcggcttc ccaactcaaa   300

atagcatctt cttctacaac atcttcattg tacaagtagt gcaaaatcct tgtgaacaat   360

ggagcaaatt ccttagcaga ttcctcacat atttcttcaa atttaagtat tacttcgatc   420

tgctcatcta tgtcagtcag ataggatgta a                                  451
```

976

<210> 2611
<211> 540
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051b06a1

<400> 2611

```
ttctaatgtc tagttctgag agcacaaacg cgagaactag aacagcgtca tggttttcta    60

ccccattctt tgttatcgtt ctcccggtgg ccgtggctgc gcttctctac cggctcgaac   120

cattcaagcc ggttcttttg ccggtccagc tgggccggtc caccgtggcg gttccggctc   180

gtaacggcca catgcaagat ggatcggaac gtgtgggtga gggacacttg gagggcccgg   240

aagacttggc ctacgacgct gcggcacgtg tcgtttatac cgggtgtgag gatgggtgga   300

tcaagcgagt cacggtgaat gactcggtgg ttgactcggc ggttgaagat tgggtcaaca   360

caggaggaag gccacttgga ctagttttga agccgaatgg agaactcata gttgctgatg   420

cggaaaaggg actgctgaga gtgtcaagtg agaaggagat tgagttgctg gtagatgagt   480

ttgaggtggt taaattcaac ctcacaatgg tgttgatata gcagatgatg gtacaattat   540
```

<210> 2612
<211> 291
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051b06d1

<400> 2612

```
aggacaaaag gaaaaggccc caaatttaat ttaaggggcc cctttaaccc aaaaatttta    60

gggaagacct cccaatttta aaatattat aaaaacattt aaaacttggg atattctttt   120

tgcccctaaa acattggaaa ttttaaaaag ggtccccccc ggtcccataa aaaattttag   180

cccttggatc aacccaacct ttaggaacca aaattttttac ttcccaaatt tgctttgccc   240

ccaattcaag attggaaaaa aatcccccccg taaaaagcct ccccgggagc c           291
```

<210> 2613
<211> 487
<212> DNA
<213> Glycine max

<223>   Clone ID: jC-gmfl02220051b07a1

<400>   2613

gtgcaaaaga aaactcaagc tcccagattc tgttccaatg cctcccgtac caatttcccc   60

catcaaagtt gggcacattg atgatgtcca agagctaaga aaaaccaagc caaggacaat   120

tcctcaaaga tttgtacgag acttgacaga aagaccaaca ctcactacac ctcttccccc   180

accacatagt gacatgccag tcattgattt ctctaagctt agcaaaggga acaaagagga   240

agtcctcact gaacttttca atcttgcaac tgcttgtgaa gagtggggat tttttcaggt   300

aattaatcat gaaattgacc tcaatctgct ggagagcatc gagaacctga gcagggagtt   360

tttcatgcta cctttggaag agaaacagaa ataccctatg gctccaggaa cagtccaagg   420

gtatggacat gcttttggtt tctcagagga ccaaatactg gactggtgca acatgtttgc   480

tcttgga   487

<210>   2614
<211>   298
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b07d1

<400>   2614

agaaagggca aaaacgtaac ttttggaacc cccaaacggg gtaggcccct aaagggccct   60

ccaaatgaac cccagggcac tcttttacat gggcactttt agccgggggt aactgggggg   120

gtcccattca tataaaagaa aaattttctc ccggctaagg gcagggataa tgggattgga   180

tttgcccttt ttagcctcca aaaggggaac cgggtccgac agggagcaga aaattgtggg   240

catgattggg agttccgcaa aaatgggctc aaaatttttg ggcccgaggt ttggccca   298

<210>   2615
<211>   600
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b08a1

<400>   2615

gagatatgat aaagacaata atttgtgggt cactattgga agattacctg accgaatagt   60

978

```
ctcaatgaat ggctgggggt tagcctttcg tgcatgtgga aatcgcctaa ttgttattgg    120

tgggccaaga gctttagatg gaagggtaat tgagatcaat gcttgtgtcc caagtgaagg    180

tgtgccagag tggaacctgc ttgctagcag gcaatcaggg agctttgtgt ataactgtgc    240

agtgatggga tgctgaggca tttgcttttg gtgaatagtg ctatatggat ttattctgaa    300

tggaattaac attcttcact ttcaaggaga gatgattctg gctcttgggt aatcagccca    360

cctttggggg taaatattta ctcctattta gagtaacaga tacagtttta gaaggttcac    420

aaaactgagt cttttcattt taagttatca tgatgggttt tcaaatgttg gcacagtgac    480

aggtgaataa ttagctcatg ttgggttgca atcacctttt tcataagttc aattgaagtg    540

ttgcagaatt gtaactggtc tcaatctttg cctccttgct ttctgtgcgc cccctttta    600
```

<210>   2616
<211>   599
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b09a1

<400>   2616

```
atgaattctt gttgggtgtt cgagttctgg gcaaatcaat acggaacact ggatccaaca     60

aggacatggt cgtgttggtc tccgatggtg tgtctgatta tgccaaaagc ctactccggg    120

ctgatgggtg gatagtggag atgattagtt tactggctaa tcctaatcga gtgcgtccaa    180

agagattttg gggtgtctac acaaagctca aaatatttaa catgactgac tacaagaaag    240

ttgtttacct tgatgcggac actattgtgg ttaaaaatat tgatgatctt ttcaagtgtg    300

ggaaattctg tgctaatttt aagcattctg agaggttgaa ttcgggagtc atggttgtgg    360

agccatctgc aactcttttt aatgacatga tgagcaaaat aaaaactact gcatcttaca    420

ctggaagcga tcaaggattt ctcaattcat attactctgg atttcccaat gcacatgttt    480

ttgagccaaa tttgagccca gagatgttta gttccagacc cattcctgaa atggagcgac    540

tatcaacact gtataatgct gatgttggtc tttacattgc ttgctaacaa gtggatggt     599
```

<210>   2617
<211>   451
<212>   DNA
<213>   Glycine max
```
```

<223>   Clone ID: jC-gmf102220051b09d1

<400>   2617

aaacttctct acgcttaata caacatattt aacccttata atgggtgtat atatgttaaa   60

aacgtaaaaa catggtaaaa aaccgtgttg cataatacaa agcccaagca tatctcactg   120

aacttggaca tcaataacct tacgttcaac cttggtctta ggaatggtga tataaagcac   180

accattttc aactctgcct taaccttgtc cttctcgcaa ttatccggca gctttaaacg   240

ggtatcatag gaactatagg tcctgcttga ccaagaatca tctccaccat gttcttgttc   300

actttgtgg ccacctttta taacaagcat atcatcctcc actgatacct aacatcttc   360

cttggcaaga cccggcatgt caaacctcat tctgatttca tgttcttcat ctttgatgtc   420

ccaaggggca cggaacttcc ctcctcctat g   451

<210>   2618
<211>   513
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051b10a1

<400>   2618

ggaagaagga gtatacggca tcccattcga ggaatggcca ggagaaccca gactggaagt   60

atgaacagac actgggacag agaattcacc aattgagcct tcagaagcac tgtccgagag   120

aagttccatt acagctgtgt gccatgccct gattgtagga aggggcttg taggcgcggg   180

gacatgtgtg aatatgctca tggggtgttt gagtgctggc tgcacccggc tcagtatcgg   240

acacgcctct gcaaagatgg taccagttgc aatcgaaggg tgtgttttt tgctcacact   300

gcggaggagc ttcgtccgct gtatgtgtcc actggatctg ctgtcccttc gtccaggtca   360

tctgcctcgg ctcctaatgt catggacatg gctgctgcga tgagcctttt gccgggctcg   420

ccttcttcgg tctctgccat gtcgacatcc cactttgggc aacccatgtc cccatctgca   480

aatggcatgt cactgtcttc tgcttgggca cag   513

<210>   2619
<211>   380
<212>   DNA
<213>   Glycine max

```
gttgaatgtt gtctggggta aagtcacagg catatagtag tatatagtac atacaagaga   60

gaaacattta gcgcggtaac aaatacatga tgagattcat agtatgatac tattacacat  120

gcggagggat gaagtggttg gttctggatc aagaataata aaaagtagtt agaagaaatt  180

ttagaaaatg tcgagaattt cgaggatgga gcgattgcaa aggggacaag agcctcgatt  240

aagccacagt tccctggaac acaccctgca aaaagtgtgt ccacatggga tgaacgctgc  300

gcctttcttc ctttccatgc acacgcagga caccgaatca ttccccacaa cattctcctc  360

tttctctttc tccttctcct                                             380
```

```
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt ttattttttt   60

tttttttttt tttttttttt tttttttttt ttttttttca ccaggggaaa aagaaaaccc  120

tctaggggga ttaaaaaaag gccccgcacc cccaaaaaaa aaaaagaaa aagcgacaac  180

taaaaaaaaa aaaaaaaaaa gcccccccc cttttaatat gccccacagg gggaaaaaaa  240

aaacaaaaac cggggaaaaa gggaaaaaaa aaagcattga aaaaaccccca attttttaaaa  300

aaacccggcc aagacccct aggaacccc ttaggggggg gcaaaaaaaa aatttggggg  360

ggagggggga atttggggaa attttcaaaa aaccggggcc ccgggacaag gggggggaa  420

aaaagtggac ccccccgggg ggggccgggg ggggtatcc ccct                   464
```

```
atcttatctt agctacccca tcacaacaac cacgatacta tttctcatac tctattaggc    60

aaaaacacca ccaaatggga gaggaaaagg agcagcctaa gaatgacacc gagaaaaagc   120

ccgaggaggt agcccccaag aaagaccacg gacccatccc tgtcgtttac aaactcgact   180

tgcattgcga gggatgcgtc aagaagatca aacgcacctg tcgccacttc gaaggtgtgg   240

aaaccgttaa ggcggatcta tcgtcgaaca aggtgactgt taccggtaaa atggacgccg   300

agaagctgcg agataagatt gccgagagaa caaagaagaa ggttgatatc atatcagctc   360

cgccgaaaaa agaagccgcc gttgcggaaa aaccgccgga gaagaaggca gaagacaaga   420

agcctgagga gaaaaaacca gaagaaaaac ctaaagagag tacggtggtt ttgaagatca   480

aactacactg tgacggttgc attgcgaaaa ttcgaagaat cattcttagg ttcaaaggtg   540

ttcaattggt gagcctcgac ggaagccagg acttggtgac ggt                     583


<210>      2622
<211>      465
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220051b12d1

<400>      2622

ttctcctctt ttttttttcc ttttcttctc tttttctttt tttctttttt tttctctctc    60

ctcttccctc tttttccttc ccttccctac accctaatcc accaacccgc ccatgaaacc   120

cccaaacaca ccccacccac cccacaaaac cccggcccca aaggcccacc cccaaaacaa   180

aacaaaaaaa aaaaggcacc cccgggccag ataacaaccc caagaccagg cccccaaccc   240

ccaacacccc ccaccccccc acaacagccc cccccccccc ggcggggggg ggaacccaaa   300

acccccgcc ccccacgaca atcccccacc cgccccaccc gccccccccc cacccaccac   360

ccggcccccct ggcgcaacca caggaccgcg aaccaactcc cccgcggccg cacaccccaa   420

caaaaccggg accccctgctg gcacaaaaag cccagcggcc cccac                   465


<210>      2623
<211>      572
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220051c01a1
```

982

<400>   2623

aatggcttgg cactcgttcc tcttattagc gacggccatt ctcgccgttg tgtgctccgc   60

cgtgagcggt tgctcgccat cggatagggc ggcgctgctg ccttccgga aggcgctgag   120

cgagccctac cttggcctct tcaactcgtg gacgggctcc aactgctgcc tcgactggta   180

cggcatcagc tgcgacgcca ccaccggccg cgtcaccgac atcaacctcc gcggggagtc   240

cgaagacccc atcttcgaga aagccggtcg ctccggctac atgaccggaa aactctcaga   300

ggcgatctgc ggcatcgaca ccctcaccac cctcgtcgtc gctgattgga aagacattgc   360

cggggagatc cccacctgcg tcaccgcgct ttcctccctc cgcatcctcg acctcatagg   420

gaacaagctc tccggcgaga tcccggccga cgtggggaaa ctctcacgtc taaccgtcct   480

gaacctggcc gacaacgccc tatgcgggca aattccagcg ttcatcaccc agctgggctc   540

actcaaacac ctggacctca gcaataatca gc   572

<210>   2624
<211>   405
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051c01d1

<400>   2624

ggacaataat ttatttttatt tcaagtccat atcgggtcta cacatagaca caacataact   60

catgttgcta gagtagtttt ctcacaacca tcgtgcacac aggccaaaac atctctgtag   120

tctcttgaaa tggtaaagga gtcgtagacc ttttcatcac tacttttctt gtactcaaac   180

aagagatatg aatgattgaa agcagtcaat ttgccaaacc catagtcaac gtccctataa   240

agactccaaa taggggtga tggtgtgaag tctgacaggt gacttccccc ttcaccaaca   300

accacatgaa ttgttccatt cacagtgcca gagtagtgat gcttttcttc attcacacat   360

tgattctgat aaatggggca tactctttca tagttatgga catga   405

<210>   2625
<211>   573
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051c02a1

<400>   2625

cttccttttc tcttctctgt ctaaggggtg ccctgagatc acattgaaca atggtgaagg   60

ctgtggccgt tcttggcagc agtgagggtg tcactggaac tattcacttc gttcaggagg   120

gaagtggtcc aaccaccgta actggatctc ttgctggact taagcctggt ctccatggct   180

tccatgttca tgccttgggg gacactacca atggttgcct ctcaactgga tcacatttca   240

atcctaataa caaggagcat ggtgcccctg aggatgagaa tcgtcatgct ggtgatcttg   300

ggaatgttaa tgccggtgat gatggtactg acagcttcac tattactgac agccagattc   360

ctctcactgg accaaacaac atcatatgaa gggcggttgt tgctcatgct gatcctgatg   420

atcttgggaa aggtggtcat gagcttaaca aaactactgg taatgctggg ggcagagtag   480

cttgtggtat tattggtctg caaggatata ctaatcacat gaagttgaaa cttgctttat   540

atttgtggat aaatagcacc cattaaaccc gtt   573

<210>   2626
<211>   582
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c02d1

<400>   2626

aacaaataaa acagtagtct tcaattactt caaccaaaag gtctaacaaa ctacacgatt   60

ataagcttaa ggcaagtaat aaccaactaa aattcaagtt tgcaaaacta tgatttctta   120

ttataaagcc cctaccctac attcggggaa acttcaaaac cactattttt catccaaatt   180

attcaatgca aaggggaagc aacatcattg cctcagatag ttgtcgtcgt cattatctgt   240

atattaacct ccaccaccag aaccgtattt ctttccgaac aagacgagct gtagcttatc   300

ataaccagcg agcactccag cacctgcaac agcacgtaat atgtttgcac cggcaccttt   360

aaagagtgac ttagtaccct cttttgcgac aattatcttg aatgcttcca aagagctctt   420

gtattttaca gcttcttcag atgtcatcat cattcttcta cgcacagtat caatggggta   480

agaggccaag ccggcaccta ttgtgatccc ccatcccaag agaaactcgc aaagagctat   540

tctgcaatca ccaacaagac cactgttcag agatcttctt tc   582

984

<210> 2627
<211> 427
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051c03a1

<400> 2627

aaacatcaca actcaaatag taaccactat ttcagttaac actttgccat gccctaatgg   60

cagaaacgac tgccaggggc taaatggaac cattttctct gctagcatga acaacataag   120

ctttcgaatc cccaccattg acatactaaa agcctattac taccatatca acggggtata   180

cgaacctgga tttccaacat ttccaccgtt tatatttaac ttcactgggg attttttgcc   240

tataacactg aatacaccaa agcaagggac tagggttaat gtgctgaact atggtgcaac   300

agttgaaatt gttttccaag ggacaaacct tgttggcggg atagaccatc ccatccatct   360

tcatggctac agtttccatg ttgttggata tgggctaagg caatttaacc aaagcgtgga   420

tcccatg   427

<210> 2628
<211> 299
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051c03d1

<400> 2628

aacacgataa aaggcaaaac aaaacaccca aaacaacaat aaaaacacac gcaaactaac   60

aacacaacaa aaaacccccca cgaaataaaa agcaacaaag ccccccaata gcaaagaaag   120

gaaacccatt caagaaaatc gaacccatca cataaaaaca cagacgggtc aaccttcata   180

ccaacggacc cttatcaaaa aggaactaaa taactcaaag cacgaactaa tcaatatctg   240

acaacagctg ctggccaaac ttatcacgaa atactctcca taaagagccc caaaaaccc   299

<210> 2629
<211> 412
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051c04d1

<400> 2629

```
aaatattcca ggaagctaaa attgcctata aaatatgtct agggataatg tatatattca    60

cataaggagt aaaattatat catcccgctt agaattagaa cccttctaag gactataggc   120

tattatagca ccaatgctac aaagggtcct aaaatttgat tactgcaata tacaatacac   180

attatatata tgcttttttt tagtgaatgc atgtcttcca tcttcctttt ggggaactag   240

agatcaaaac tgtgactgtg gaaatggaac atgggatgat ggcgttgtct tggcatactg   300

tgtgacccga tttcttcagc aacacttgcc tgaaatgttg aagggccaca aactatgata   360

cccacattaa ccaggcccca tttctctgac actgattcaa aaaatccttt aa           412
```

```
<210>      2630
<211>      597
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051c05a1

<400>      2630
```

```
gaactcttcg taagttccgg aatctacacc acccctaggc tcttcgctcc aaactccgaa    60

ccctaaccta acccaaccat cttcttcgcc tcgagcacat cttaccctaa ttcgattatt   120

ccccaatttc atcgaaccaa tcaataaatc atatacacat tgtttgttta atttttgatg   180

ccgataaaaa atgccgccga agcagcagca atcgaaagct gatttagcga agaagcagaa   240

gattgtagag gacaaaacct tcggtctcaa gaacaagaac aagagcaaaa atgttcagaa   300

gtatgtccag aacctcaagc aatccgtgca gcccaggccc gatgccgcca aagtcgatgc   360

caagaaaaag aaggaggaag ataaggccaa ggagaaggag ctgaatgagt tgttcaaaat   420

cgctgttact cagcccacag tgccagttgg tgctgatccc aagtccatat tatgtgagtc   480

ttttaaagtg gtgcagtgtg ccaagggctt cagatgcaag ttctcgcatg atttgaatgt   540

cagaggaaag gggagaagat tgcatttaca gtgataagcg tgacgaggta aacatgg       597
```

```
<210>      2631
<211>      461
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051c05d1

<400>      2631
```

```
acaaaacgag aacagagtac atacattaga ggatcagaat atcttctagc acagaagtta    60

aaatttaaca tgacatttta cctgtttcag caattcttaa agactacata gataaagtgc   120

aacatacaac agcttaaggg ttaagactta agactaaata ttaaacaaag ggatatgtag   180

cttcttagtc atcagttcac catcatctgt gctaactagt ggagatatgt agcttggtac   240

tgatagccat ttccaaagta gttgccagga ttaggagaga tgttataagt tgcagaaccc   300

atgagaggag ggcagtgatt gtcagttggt gcagggtaca tgtaaggtcg gtcatacacg   360

tattgaggat acctgtcagc aactctagca taagaagtta tgtcagatag aatgttagtg   420

acacgcgggc catattccac accattagca cggcgtcttt t                       461
```

<210>   2632
<211>   519
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c06a1

<400>   2632

```
gttgtcccag acccaaaacc tctaccagtc cacattctcc tactgcttgc ccagcttcaa    60

atcacttaac ttctctgggt cgctaagact tgggcctgtg gcccagccca taaggattaa   120

gtatacccct cttctcaaga atcctagaag atcttcactc tattatgtca acttggttgc   180

aattagggtt ggtcggaaag ttgtcaatat tcctcctgag gcgttggcgt tcaatgcggc   240

caccggagcc ggcaccgtct ttgattctgg cacggtgttc acccggctag ttgcacccgc   300

gtacacagcg gtacgggatg agttccagcg acgagtcgcc atcgcagcaa aggcaaacct   360

gacagtgaca tccctaggag gctctgacac atgctacaca gtcccaatag ttgcacccac   420

cataacattc atgttctcaa gcatgaacgt gaccctgcca gaggacaaca ttctcataca   480

cagtactgcg ggcagcacca catgcttggc catggcttc                          519
```

<210>   2633
<211>   486
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c06d1

<400>   2633
```

```
agcataaaaa gttcaacatt tactgaggta agatggtttc acaaggatat ttctcatagt   60

acatggtgcc ttcctttgct gatcttacca ttctttcctc agacatagtc actgaggtaa  120

gatggtttca caattcttct gatgggcttt gcttcctctt gtatccctgg tttgctattt  180

cgacccctac ccctgctatt atcttttgtt ccttattact tccctaacat gactagtggt  240

aaagtagtca tttcaacaca taccaaaata ctaacaaact aggaaagtta aatcaaccac  300

aaatatatat tacatatata ggaaattgca tatattaaat ataaaacttg agcaggacaa  360

agctgatgat gaagactgtt cagatgaatg atatgaatat atcatatatt ctcgtagaag  420

tatttcttga agagttgcat atgtgctatt tggaagtgca tggacacaat aacggatcca  480

tcccct                                                             486


<210>       2634
<211>       502
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220051c07a1

<400>       2634

ggctcgagct cctctctttg ttctcttctt tccacactct gtccctgtcg ctgtgttatt   60

tcattttccc acactcccat tcatcatctt cgttcttctt cttcgccctc catttcttat  120

ttttctttct tttctttttt cttaatttat tatttattca tcttccgttt cttcgcattg  180

tgctttcttc gattttttcg ctgcgtccct cttagatccc tctctggatc acagtgagaa  240

cagtgttgtt gagtttgaat aaattaatga aggggtgttg atggatggtg gatgtatggt  300

gaagctggtg aggtacctcg aacttaaatg aagaaggaac gtgcatggcc gcaattcata  360

aggaatcttt tgatcatggt tggatcaaga agccggtcac agttgatgag gcctacttgg  420

attattgttc tgctctccat attgtgtgcg actctgattg ctgcctatgt taccctcctg  480

ctagcccttc ttcgtgctcc gt                                          502


<210>       2635
<211>       329
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220051c07d1
```

<400>   2635

atgatattga tgtgttactt tacacaagaa aaccgtccag gacgggaccc aaaaccaggg   60

gatcaaacag gacaagaaag cacccacacc aaaagggtta taggaaaaac aaacgggaca   120

cccgccaaaa cgaaaacccg ggcagggggg aaaacccctt gggaaggccc ggtaaaacaa   180

atacacagga caaattcaaa aggggaccc agaacaagct aaaattacca cgagcctgcc   240

caacctggaa ccctgggaaa ggggttccaa gcccccacta tcaaacccca acccggcccc   300

ggaaaagcaa atgcacccgc ggggggaca   329

<210>   2636
<211>   514
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220051c08a1

<400>   2636

catacttaga aacagcaact atgtctctca tgcagcttac tagctccoct gttggctcac   60

tggtccgttt cattgtaata tttgctttat ggtacagaac catggctttg gccaagttgc   120

caccaaacgc ttcatcagtt ccagcagttt tagcgtttgg agattccatc gtggacccag   180

gcaacaacaa caacataaaa acattgatca agtgcaactt cccaccttat ggaaaggatt   240

ttcagggagg aaacccaacg ggtcgatttt gcaatggaaa aattccttct gacttaatag   300

ttgaacaatt gggtattaag gagtatttgc ctgcatattt ggatccgaat ctcaaatcta   360

gtgatcttgt taccggcgtc tgctatgcct ccggtgcttc aggatacgat cctttgacac   420

ccaaaataac gtcagttcta tcngtatcta ctcaactaga catgttcagg gaatacatag   480

gaaagctgaa aggcattgtt ggagagagca gaac   514

<210>   2637
<211>   424
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051c08d1

<400>   2637

989

```
catcaacaag aatggtctca ttcattctac tttcaataag atcagtcaca acacatacaa   60

atctttcatg attttagatg cacaaacaga ccattaggga caaatataga tttgttcatg   120

acccaaatct ttcactatac agttaaaagc ccaccactcg gaatcatgtc attcgtaaca   180

ctttattcaa aggtatgctg atatagatgc ataccggata tcctattata aaaagcacca   240

cccctcgact atatagtagt taggggacac attttccctc aaaaacttgg aactgaggaa   300

cgtgatgctc aaaactccct ttctggaaac atgataggag ctacgagaga ccacaagtcc   360

agcagagcag ttgcccagga agtgatgatt cgaacccaca cagaaggcca ccccacgtca   420

acca                                                                 424
```

```
caatagtgtc ccatcatttc aatttgaaac catccctgat ggtctctctg ataaccctga   60

tgttgatgcc acacaagacg tagtttcttt aagtgagtct actacaagga cttgtttaac   120

tcccttcaaa aatctccttt caaaactcaa tagtgcctcg gatactcctc ctgtgacttg   180

catagtttct gacggtggca tgtccttcac tttggatgct gcccaagaat taggcatccc   240

tgacgtgatt ttgtcgacag ctagtgcatg tgggtacatg tgttacatga aatatccaag   300

acttgttgat atgggcttaa cacatctcaa agactcaagt tacttagaaa attccatcga   360

ttgggtacca ggcatcaaag aaattcgatt aaaggacttg cctagcttca tgagaaccac   420

aaacccacaa gatctcatga tgatggattt catatatagc cagtgtgaga gagctcaaaa   480

agcttcagca atcattgtga acacgtttga tgcattagag catgacgttt tggatgcatt   540

ctcattcata tt                                                        552
```

<400>   2639

```
gcaagaacaa tctgatcttc tttattgtgg ctaaaagtga tatctcaaaa aacaaataat    60

gtaatagtaa cccaaagcca ccaccagtga aaaccacaag ttctagatga gataaaactt   120

aaaagaaagt caacaaatag atctacgaaa gttctttggc agcagcaata acagcttcct   180

tggtgatacc aaactccttg tatatttttc ctgctggagc acttgctcca aatcgatcaa   240

tgcctatggc ctttccttgg cttccaacaa tcttttgcca accaaatgtt gatcctgcct   300

caatgctaac tctaactgtt accgaagcag ggagaacact ctctttgtat tcatctgact   360

gctcatcaaa aagttcccag ctaacaaaag aaacaactct aacagctttt ccttccttcc   420

ttagatcctc agcagcagca gcagcaattt ccaactcaga accag               465
```

<210>   2640
<211>   589
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c10a1

<400>   2640

```
gctttgaagt atgtgatgtt gtgctgcacg ctgatgctat ccacagagga ggtggtcaaa    60

tcattcctac tgccaggaga gtcttctatg cttcccagat tactgccaaa cccaggcttc   120

ttgagcctgt ctacctggtt gaaatacagg cttctgaaca agctcttggt ggaatctaca   180

gtgttcttaa ccagaagcgt ggacacgtgt tcgaggaaat gcagaggcca ggtaccccac   240

tatacaacat caaggcatac ctccctgtca tcgagtcctt tggtttctcg agcacattga   300

gggctgcaac atcaggccag gccttcccac aatgtgtgtt tgatcactgg gacatgatgt   360

cttctgaccc attggaggct ggatcacaag ctgcacagct tgtcactgac attcgcaaga   420

ggaagggctt gaaggaacag atgactcctc tctccgagtt tgaagacaag ctttaaattt   480

gtttcatgaa ttattttact ttgaacttag tcgaatttat tttctcttgt gaacaatgct   540

actttagatt taatttctgt tagttttggt tgtggttttg cccgtgaat             589
```

<210>   2641
<211>   450
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c10d1

<400>   2641

aacacgagga accaaagttg cttttttcaat tcatatatga aatttgacat aatgttgcct   60

ttgggtatca attatgaata tgaagcatga gagtcaaaca tgctgtcgtt tttcacctaa   120

gtctcaaaca cacctctatc aagatgaaag caacctacta acggaaataa atggatatct   180

gagggatgtc gatgtcatta tcctcatcat cctcgcatgc cacaacaacg tccaaatggc   240

gacggtacgc aagaatttca aacttggcta cttcccttgc cagatctgca accttttgt   300

ccattcgatc tttatgccga gggaacatgc tattatagag caggcaactc ccacaagaaa   360

tactgtaagc attcaagccc tttgccttca gccactctag aagttccctg agggtaggat   420

tgtctccgag aatccatcta tcccaaaccg   450

<210>   2642
<211>   572
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c11a1

<400>   2642

gttgctggca ttggcaagca atctggtttc tctctcctct ctgcactgca ccccacaact   60

caaactgagc agtcacagac acaggttgtg tgtctttaaa atatctatga actgttgttg   120

gcacttggca gataattatt gcatctaaca acccataaag acggtgacta tgagtaatct   180

gcaaaatttt aatgctatac tctgtgtctc tgaatgacca tcaagtgatc cggtgcggtt   240

ggaaagaacc ttccgaatta caaagattga ctacttgtta ttctcattgg tggagttaat   300

agttattttg tagatgcaaa cgtctcagaa acacccagt tcagctggtg tccatttcta   360

tcaccagcct gtgcaaggca tttaccaaat gttgcaaagc aatctatgcc atgatagcag   420

cagccaggga acaagtgttt cttttgaaac ctgcaaggag caatacttta ctctagaatc   480

atgcccagca cccactactt gtttcgtgga ttgtgatgat tctccttcct atgccagtgt   540

atcatctaaa aggactccat tttcttcaca gg   572

<210>   2643
<211>   600
<212>   DNA

<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c12a1

<400>   2643

ccaccttgta ttccccaaaa ttcacataat tccccttctc ttgcctttc cctcagattt   60

ctcaccccct ctctcttctg tgttgctacc cttttcaggt actcttccta ctaaattgaa   120

ggaaaaagtt ggtattatag gaagttaatc actgctttga tgacttggta agaaaacttg   180

aactaacaat ggtaagtttg agaaggcgca gacttttggg actgtgctca ggaaacagtt   240

cctttgtcac accacttcct ctatattgtg agaatctatc tggttttgaa aattcaaacc   300

agcaagctaa aactaagagt gaacagcctg ggctttccga tgatgcaagc aacccagaca   360

gtaataatgc tgtgcaagaa gaaccgggat catcaaatgc ttctggttct agctcatcga   420

aagaacagct tattcaacaa attacaggac cttctattaa acgcagaaag cgacatagaa   480

gaaagaattt gcacaatcaa gaacaatgcg taatgagagg tgtctacttc aaaaatatga   540

agtggcaggc agcaattaag gttgacaaga aacagatcca ccttaggact gtcgggtcac   600

<210>   2644
<211>   445
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c12d1

<400>   2644

atattattat ataaagatag tctataatca ctagaatttc tatatattta tacttagtat   60

ataataattc tagtgattat agctaagcca atatatatca taatataata tacccttttc   120

ttattcaaag aatttatggc tatgccttat cattttagt caaagaaaag aaattatgga   180

attgaaataa ctcactcaga acgcccttta aaagattacg cggtacgatt gaatcaaata   240

agcccttatg gaataaatat tcagctgctt gtgaaccttc aggtactgcc ttattcaatg   300

tttgttcaat tactctttta ccagcaaatg caatataagc atttggttcg gcaataatga   360

tatcccccaa catgccaaaa ctagcagtta cccccccagt agtgggagat gtaagtatgg   420

atacatagaa taactttta ttttt   445

<210>   2645

993

<211>   577
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d01a1

<400>   2645

tgagaaagtt gcattttggt atttattgga ttcgttaaat ggatattgaa tccacagtgt   60

agagctgaga cacatttttc agtgtatact tcttgttaca attttttttt ggtcttgttt   120

tccttcttgt tacgttgtgt atttatgatt ctgaattgcc tgtttttta aacatcgtca   180

gaggggcttt gatcaacaat ggctatcatt aacattctca aaggctatat ttcttggaaa   240

tggtcttgtt gctattttgt ctgggctgtt tggaaatgta cttgttgata cattggctct   300

tggacctgtg gcccccctttg atgctgcttc atgttttctt gctattggta tggccatcat   360

actatcttca tggtcagaga atttcgggga tccttcagag aacaaggact tgcttaccca   420

atttaggggt gctgctgtgg ccattgcttc tgatgaaaag atagccttgc tgggtgccat   480

acagtctctc tttgaggttc aatgtacacc tcttgtgttc tatggacttc tgcattgagc   540

tcaaatgatg aagagatatc ccatggtttt atttttg   577

<210>   2646
<211>   525
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d01d1

<400>   2646

aaaaagtcaa atttcaatac ttttttagt gtaaacaac aaacttaaga cctcatataa   60

attacttaaa ctcgtctcta gactgacctt agtagattca aaattaatac aataattccc   120

agcagaaatt aatggagaca tatatttccc tttttgctga ttgccatccg atactgagcg   180

ttgctagtaa taagcatcaa ttaagaatct ttgcagcagc aatttgagac gtgaattgca   240

caggtccccc aaaaaattga aaatatcgat aggatattat ttttcatgaa cgagaggaga   300

atacacagga taccacatat tgcttcgcac atactccaca gcctgatctt ttgacatatg   360

ggaaagttcc ttgggcccca catcaccatg tccttctgcc agttcttctt caactgctgc   420

tcgaagcaca gcagccccga cctgtgccgt aacatctcgt atgctatcaa cggatggata   480

cacaattgct ttcaagatat cttccgtcgc catgtatgaa gcaag   525

<210>   2647
<211>   593
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d02a1

<400>   2647

ctcttcccag cgctcattct ctctctctct ctatctccgt gtttcattcc aactgcaaaa   60

caacaactca attaagaaat tcttctccgg agccatggca gatctcaagt ctacattctt   120

gaacgtctat tccgttctca aatctgaact tctccacgac cccgccttcg agttctccga   180

tgatgctcgc cattgggtcg accggatgct agactacaat gtgcctggag gaaagttgaa   240

ccggggactg tcagtcattg acagctacag attgttgaaa gaaggacagg cattaaatga   300

tgacgaaatt ttccttgcta gtgctcttgg ttggtgtatt gaatggcttc aggcatattt   360

tcttgttctt gatgacatta tggataactc tcacacacgc cgcggccagc catgctggtt   420

tagagtgccc aaggttggaa tgattgcagc caatgatgga gttctactaa gaaaccatat   480

tccacggatc cttaggaagc acttcagggg aaagcctatt acattgatct tcttgatttg   540

gttaatgagg ttgagtctca gactgcttca agacagatga tagatctgat cac   593

<210>   2648
<211>   373
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d03a1

<400>   2648

cacccgcacg gaccctgcaa acacatagca tccaaggcct gctattgctc aaggcgagca   60

ctgacacctc acaagcacgc cacgtagaga tatggacgct ggatgaccaa cgccatatga   120

tctgcattca ccgtgacgaa actatccaag ctcatgccct ctagccttag cgctggtcac   180

caagcactgt gcctgacgca cctccgttca tatgaacggg acgtgccctt ggctgacacc   240

tgatggcaag acccatgtca ctgacgagcc tactacgaca tgtgagccat ggtgacaatc   300

cttgtccaca ctgagctcaa ttcccacagc atgacgacga ctgcacacga gatgagactg   360

cagtacgaac atg

```
<210>      2649
<211>      601
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051d03d1

<400>      2649

cttgatagaa cattataaca tgcattattt tattattttg atcacaaagt ccatctagta   60

gttatatatg gctcctagtc ttggcacaaa gacaaagatc gttcttcttg tgttgggtga  120

gtcctggcaa tacttgaaca tcaatgtctt cctttatcat cccttgtggc aattcccaat  180

caaaggaatg aagaagatta gcacgaacaa gttctaatat cacaactgcc ataggtaaac  240

ctgggcaact tctgcgacct gatccaaaag gaattagttg gaaatcttgt ccacgaaaat  300

ctacgtcgct atccaagaat ctttcgggaa taaactcttg aggatttttc caagattcgg  360

gatctctatg aataacccaa gcattcacgt ataatattgt cttagctgga attcgatagc  420

catgtataat gcactcttca tttgatactc ttggtacaag tagtgtggct ggtgggtaca  480

atctaaatgt ctcctttatc attgccttga ataggaaagt tttgaacatc atttcatcta  540

agacattttt gtgcctccac atttctacta ctttctgact ttctcatact ctaggtttta  600

t                                                                  601


<210>      2650
<211>      542
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051d04a1

<400>      2650

ggcatctgga agatgcgtac aggtaatcca gttgatggct gtgcaatctt ttggcgtaac   60

tcaaggttca aactgttata cgaagaatgc attgagttta ataagctggg actcagggat  120

aatgttgctc aactatgtgt actagaattc attaatcaaa atggatctct cccatccagc  180

ttgacagggt ctagtaaagt tgtggtttgc aacattcatg tgctttacaa tcctaacagg  240

ggagaaatta agcttggcca ggttcgagtg ctgcttgata aggctaaagc cgtttctaaa  300
```

```
ctctggaatg atgcccctgt agctatctgt ggggatttta attgtactcc caagagtcca  360

ttatataact ttatatcaga acagaagtta gatctgtccg gaatagatag gaataaggta  420

tcaggacatg cttctgctac aattcatgca tctaagctct attatggtcc taattctagt  480

gaaatatctg ctaatggttc agttcaggca acatccactg aaggttgaca agaagacatt  540

ga                                                                 542
```

<210>   2651
<211>   410
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d04d1

<400>   2651

```
aatcaattca aattaaagga ttttatatta ccaggtataa ataatcaaac tgtgtatgat   60

ccatagtttc ttacaactta ttgccaaatt ggagggattt attcgaaaga caacctaatt  120

ttaaataaaa tatgaccata taactataag caacttctct accaatttaa gactgctttc  180

tgtatccaat atcctctcct tcctataaga cttttggtt cttctttct gtatcctact  240

tcttggtctt tcgattcttc ttcggtcccg gaacctccaa cctaccaaca gaacagccac  300

accttcctct gaggacaaga acagcccttc cattgggggg tgccatcttc ttaagctcgg  360

cctcgagttc ccggtgatga tcacaaaaaa ccttatacag tcccttctta             410
```

<210>   2652
<211>   610
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220051d05a1

<400>   2652

```
agagcaaagg cttttcaaca caagaacttg tggctttgtc tggagcccac actattggaa   60

gtaaaggttt tggaagccca atttcttttg acaattcata ttataaggtt cttttggaga  120

agccgtggac gtcttcaggt ggtatgccga gtatgattgg cttccttca gatcacgctc  180

ttgttgagga tgatgaatgc ttaagatgga ttaaaaaata cgcagacagt gagaatctat  240

tctttgaaga tttcaaaaat gcgtatgtca agctggtgaa ttctggtgtg aggcggaata  300
```

```
gcttataaat tcaagagttg aatgttccaa cttccactga aggggcaact tgcattttta    360

ttgactttct aacagtgttt atgcacagtt gccatgaagt tttgggtgct ttattattga    420

tttgaacatc aagatctact accccctaaa aatcaaccaa cgaagtatgt gcatgcaggg    480

ccaatanatc tcatggaaaa gtcgtttaag tgtgttttga ttaagattta nacgactatt    540

taacctaatt tttttttgaa tttaagatat gtaaatatat gattatatat tctttcagat    600

ttatgtaaaa                                                           610
```

<210>   2653
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051d05d1

<400>   2653

```
aatatatgtt gttatatact gatatttgta tatattcaac tgtaaatgat agaatacaga     60

tagatctatc tatatagata agaaaaatag atcattttac atgttaagtt ctttggttcg    120

aagggtaaca cacaagcgat caatttgatc tatttcttta tttctgcgtg aattgtatgt    180

ttgcaacaac ggggacaaaa ttttctcaat tccaatcgac taggcgtatt ctgtcgattc    240

tttttagtta tatatctaga aatacccgtt gattccttat taacactctt tttatcacaa    300

ccggtacatt ccaaaataac aattactcgg atatctttac ctttggccat gaacctccct    360

tgggtttta attcacttaa ctcttttggt ttcggattat aatctaagaa aaagaaaaga    420

acgaaaaaac gaaaatataa attaagaatt agaaatccaa ttttgaaaga tttcgttcca    480

tttaagatta ggattaatat agtacaaaaa taatacaatg atctcgaact                530
```

<210>   2654
<211>   351
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051d06d1

<400>   2654

```
acattcaaat aaatatattg ggtataaaat atgaaatttc actagatcta cacttcaagg     60

aaggctatac ataggcacat gctatgacta taagcgtctt catgaagaat gctggatgcg    120
```
```

gggctacgta tatacatagg ccatggagag cctaatgtca gagctaaagg tgtccaatga    180

agatcagttt acgtgcgaca tggtgataca acaactgatc cactgtggtt ataacttata    240

ctttagattc agcactatcg tcatgatgat gtcatgcacc aatttcctag tcactgatgc    300

cacatggatt tgaggtgggc tgtgataacc tgtaacgttc cttgcaaagt g             351


<210>      2655
<211>      586
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmf102220051d07a1

<400>      2655

attcggctcg agatagcttc aatttataag aatggcactt tctcctattc gttcttcttc    60

tttctcttca tcagctattg ttgcattggc tgtgttactg cttcttacag ggacctcttc    120

agctaacctc tcaaagaact tctattccaa gacatgtccc aacgttttca acactgtaaa    180

atctgtagtt aaatctgctg ttgtcagaga acctcgcatt ggggcatcta ttgttcgtct    240

cttcttccat gactgctttg ttcaaggctg tgatgggtca atactacttg atgacactcc    300

aaccttccag ggggagaaaa ctgcagctgc taacaacaat tcagtgagag gctttgaagt    360

aattgatgct atcaagtctg aggtcgagaa aatatgccct ggtgtggtct catgtgctga    420

tatcttggac attgcttctc gtgactctgt tgttcttctt ggagggccat tttggaaagt    480

tagacttgga agaagggatt cagaactgcc aactntactg ctgctaacac tggtgttatt    540

ccaccttcca catctaacct caccaacctt atcacaggt ttcgag                    586


<210>      2656
<211>      480
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220051d07d1

<400>      2656

ggtgtaatca tccttttata tttccgtaaa tgagttagtg aatagataca tgattataca    60

aaggctgtgt agcttaaccc aatatgctag ctacatcacc ttctggcggt aaattagtgt    120


999

aacaatgaaa tggttcactc aattccatct cttggcattt ttcacgcctt tggacttctg     180

ttttgctgcc tgaaaggcct gcatctttg tttcttccgt gcctctttct cagccttgga     240

catcttagat ttggctttca ctttaggagc tttgctatca agctcagcct cgcgttcaag     300

ttctctttcc ctagcatcaa aattcttctc taaataataa tcgtaatcac ctgcataatc     360

ctgtatggtg ccatctttaa tttctatcac tctattaact atttgcttta taaagtatcg     420

gtcatgagat actgtgataa cagtgccctg gtattcattt attgcttcct cgagcatttc     480


<210>      2657
<211>      552
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220051d08a1

<400>      2657

cagatgtcca agctcttatg gaagctggtg atgtagatgg ggatgggcac ctagattatg      60

gagagtttgt agccatttct gttcatctaa gaaagatggg aaatgatgag catcttcgca     120

aagccttcca attttttgat cagaacatac gtgagtatat tgagattgag gagctgcgta     180

gcgccttatc tgatgatctt gacacaaaca gtgaagaagt tatcagtgca attatgcatg     240

atgtggacac agacaaggat ggaaggataa gttacgacga atttgctaca atgatgaagg     300

ctggcacaga ttggagaaaa gcatcaaggc agtattcgcg agagaggttt gccagtctga     360

gcctaacgtt gatgagggac gggtcattgc atttaaacaa tgaaaaacaa taacggtaga     420

tgactacttt agaaatgcca atttttactt tggaaaggaa aattcgataa agaagtctat     480

tttttaatt taactctctt cattgtaatt ctnttctcta atacctccat tttgggtgaa     540

aaagatacga ta                                                          552


<210>      2658
<211>      482
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051d08d1

<400>      2658

gaagatgaag gcatcttcgt ggcccaggat tttgtataca aatatatcac tatagcaagt      60


1000